**Rahuldeb Chakrabarty**

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**Career Objective**

1. **To work with or lead a team of Infrastructure and Process Professionals and provide cutting edge solution in Cloud Solution Design; Cloud Migration; Website Hosting, management upgrade and migrate; Automated Integrated Development Environment Setup and Management; Source Code Control Management; Monitoring tools, End to End Management of IT Infrastructure, Data Centre Management, Application/Infrastructure Architecting and Application Development - aligned with the business need and learn, pilot and implement new technology**
2. **Freelance Consulting in IT Organization or any business’s backend IT for Process Analysis, Gap Report and Proposal of solutions and Implementation/Support**

**Synopsis**

IT Infrastructure Professional with 18+ years (IT Product Development and IT Services Industry) of experience in Product Development, SDLC, Development Environment Setup, Cloud Computing & Infrastructure Setup, DevOps, Security, Operating System, Virtualization, Networking & Storage Data Centre, Application Packaging, Build Management, Source Code Management, IT Infrastructure Management, Solution Architecture, Service Delivery (SLA, Uptime, BCP, DR, External & Internal Audit), Customer Satisfaction and Account Management

* Software Development: SDLC, Agile
* Source Code Control: Source Code Control process setup and workflow management and administration. Maintaining Source Code Control and Defect Management process, Tools and application server, Automated Build Management
* DC Management: Networking, Firewalls, Router, VPN, DMZ, AD/DNS/DHCP, Storage, Compute/Blades, BackUp, AntiVirus, WebSense
* Testing Methodology and Tools
* Application Security: Encryption at rest and in transit of Data, Application Firewall, Cyber Security
* Ticketing and Monitoring Tools: Site24X7, SolarWinds, AnyDesk, WhatsUpGold, ZohoDesk, JIRA
* Managed IT Infrastructure for a HealthCare Service Provider including BA and QA Role
* Experienced with Tools:
	+ Dependency Viewer, Profiler, FTP/SFTP/SCP, RoboCopy, rsync, ssh etc.
	+ Hands on knowledge on Windows CMD Scripting, UNIX Shell Scripting
	+ Cloud Infrastructure – implemented secure, fault tolerant and high available solution in AWS using VPC, SG, ACL, Elastic Load Balancer, public and private subnets in AWS (Familiar with Google Cloud Platform and Microsoft Azure) and Router/Firewall and DMZ
	+ Experience in Networking, Storage (Array and RAID)
	+ Good hold on Windows and Linux Server Setup, Configuration, Administration and Upgrade
	+ Working experience on Virtualization: VMware Workstation, VMware vSphere, Hyper-V and Oracle Virtual Box, Citrix
	+ Infrastructure as a Code – Terraform, Chef
	+ Understanding of AWS CLI, Power Shell
* AWS and Web Deployment:
	+ Design of AWS Stack based on Application Team need, cost calculating and deployment and validation the stack
	+ AWS EC2 Inventory tracking and upgrade/downgrade
	+ Hosting Website in C Panel (WHM) tool and update the development to UAT and Production and migrate these websites to AWS Red Hat Linux Instance to host on Apache to save cost, reduce maintenance and administration overhead.
	+ Maintain AWS Infrastructure – Dev, Test, UAT/Pre-prod, Production, RDS, Backup, Restoration and sanity checkup of backup
* Application Programming:
	+ Experience in Visual Studio, Eclipse/NetBeans, Fortran, C/C++, VB 6.0, .NET, Java
* Application Packaging: InstallShield (msi/msix), Wix, ORCA, Windows Installer Service
* Business Centricity:
	+ Tool Selection Open Source or Freeware Tools to reduce Licensing overhead – Flow sheeting, Office, Rapid UI Design, Testing, Workflows, IDE
	+ Experience with Multi-Vendor model and working with own and vendor support team located in other regions of India or Global spanning multiple time zone
	+ Build Automation: Jenkins, Final Builder while enhancing a proprietary Build Automation tool of Invensys.
	+ Working knowledge on Python, R, Java, C/C++/C#. ASP.NET, Fortran, Java Script (Node, Angular, React JS), SCALA
	+ Working knowledge on Webpage Design – what you see is what you get – WYSWYG Tools (WrodPress, Drupal, PHP, html)
	+ Working Knowledge of RDBMS Databases, MSSQL Server, Oracle, MySQL, SSRS/SSAS/SSIS, SharePoint, ETL and ETL by Tableau, No SQL Database – Amazon Aurora, Cassandra and Mongo DB
* Proficiency at grasping new technical concepts quickly and utilize the same in a productive manner.

**IT Skill Set**

* **SDLC – Agile, Scrum and Waterfall**
* **IT Infrastructure – Business Continuity Planning (BCP), Disaster Recovery (DR)**
* **ITIL Processes, PMBOK**
* **Account Management, Project Deal Management (RFI/RFP/RFQ)**
* Software Configuration Management Tool – **Microsoft Team Foundation Server, Git and GitHub**, **IBM Rational Synergy and Rational Change, Subversion**
* Software Development Environment – **VSTS (Visual Studio and VS Code)**, J2EE (Eclipse and NetBeans)
* **Cloud – Amazon Web Service (AWS),** MS Azure, GCP
* **Operating System – Windows Server and Linux (RHEL) Administration**
* Build Automation and Pipelined Deployment
* Programming Language – **FORTRAN**, C/C++, C#.NET, VB 6.0, VB.NET, Python, Java, R
* Scripting – **Windows / UNIX Shell** / PS
* **Virtualization (VMware vSphere, Oracle Virtual Box, VM Ware WorkStation)**
* **Monitoring Tools – Trend Micro Deep Security, Site 24X7**
* **Web Deployment – C Panel, Word Press, Drupal, JBOSS (Wild fly), Apache, NginX, GoDaddy**
* **Data Visualization – Tableau 10.5 Desktop, Power BI**
* **Install Shield 2020** – ORCA, Wix, MSI/MSIX, **InstallScript**

**Skill Sets**

♦ Domain Knowledge – Manufacturing (Chemical/Petrochemical, Simulator), Non Banking Financial Institute, HealthCare, Information Media and Entertainment ♦ Infrastructure Requirement ♦ Cloud Infrastructure Management ♦ IT Service Delivery Management♦ Agile and Waterfall ♦ SDLC – ITIL Processes ♦ Business Continuity Planning ♦ Project Planning & Execution ♦ Team Management ♦ Client and Cross-Geographical Team Interaction ♦ Understanding and setting up Development Environment, Quality Assurance and Security/Threat Analysis ♦ SLA Adherence ♦ Customer Concentric ♦ Requirement Analysis and QA/Security ♦Team Building, Coaching and Mentoring ♦ Understanding Ambiguous Requirement ♦ Play as Business Analyst to transform End Use Requirement to Design Specification ♦ Application Testing and Test Scenario ♦ Decision Making – wearing 7 hats of thinking as need basis ♦ Documentation using Word and OneNote♦Vendor Management♦

**Accomplishments**

* Domain Knowledge of – Manufacturing (Chemical Engineering), Travel & Hospitality, Insurance and HealthCare
* Managed IT Infrastructure for a new HealthCare Service Provider
* Tested the newly in-house developed Lab Management System and logged +120 defects and use cases
* Cloud Infrastructure, Vendor Management and Cloud Migration in a dynamic Financial Institution.
* Standardize meshing input to Control MSG 91 tool, which helped to send Promotional Messages quickly and more effectively in SREI.
* Proof of Concept for Synergy Server Up gradation to latest Version with Linux OS upgrade – convinced IBM to Provide support
* Handled Delivery Management for Travel and Hospitality – UK: USD 8M Portfolio
* Managed 60+ team to deliver Software Configuration Management support and solution across various business lines
* Spearheaded TFS Migration for Mitsubishi Polyester Film (MPF) source code from legacy version control system within strict timeline ensuring quality.
* Played a vital role in organizing credit of DevHelpDesk Process Flow by translating in Visio Flow Diagram and clearly defining when SLA clock will Start/Stop and Pause (Bypassed Tool Limitation). This process improvement ensured accurate time and effort spent in every incident and service request ticket
* In a proprietary build system, successfully organized thin provisioned thin disk VM in Solid state data store (high IOPS disk) for Virtual Machines deployed in production and performance improved by around 20%
* Learned Install Shield and developed 50+ Installers using Install Script for 4 releases of the 5 flagship products and all the patch installers
* Setup and Handled a dedicated Team based on Australia for IRG (Now Siemens)
* Steered efforts in PRO/II code integration builds and comprehended in & out of existing build scripts and processes without any support from US Development Team
* Generated proposal of Common Framework Install to minimize the multiple application co-existence issue in same system and eliminate DLL Hell problem
* Pivotal at establishing Source Code Control and Defect Tracking System (Using Telelogic Synergy and Telelogic Change) for Invensys across the globe, maintaining and upgrading the Software and RHEL Serves, Licenses
* Strong knowledge and experience in working under Multi-Vendor Model (Cognizant, Vara Technology, AccuHealth)
* Ability to work with Ambiguous Requirement and stretch to provide real-time service for multiple Time Zone
* Good networking skills

**Employment History**

**Sep’20 onwards: As IT Consultant:**

1. **QMICS Solutions Pvt. LTD., Hyderabad (From Kolkata) as Process & IT Consultant and Automation Implementation**

**Achievements**

* Tools: Evaluated several open source tools for code compiling.
* Working to select Free of shareware or low cost Enterprise Application System, CRM Tools
* Working on Solid Works and Other PDMS Software
* Project: Designing a Water Treatment Plant – to regain domain knowledge
1. **Freelance Consulting (From Kolkata) as Process & IT Consultant and Automation Implementation**
* Worked on AutoCAD and MATLAB/Simulink and Cylab
1. **Plan to Conduct Training Classes on:**
* Software Engineering, IT Industry
* Soft skills
1. **Plan to work as Consultant in Chemical Engineering Department (Private and Government University) to execute:**
* Industrial Sponsored Project
* Liaison between Software Vendors and Department to expose students on latest Design Tools and Technology
* Leverage my experience to update existing curriculum more industry facing
1. Understanding ERP (SAP, PeopleSoft and other shareware)
2. Gaining hands on knowledge on AWS
3. Leverage Professional and Social Networking to get to build to get industrial Technology Trend update about new Technology and new technical forum

**Mar’20 – May’20: AccuHealth Diagnostics Services Pvt Ltd, Kolkata as Project Manager & Delivery Lead – Infrastructure**

**Achievements**

* Tools: Evaluated several open source tools
	+ Rapid UI Design, Flow sheeting, Open Office
	+ Various Open Source Tools
	+ Microsoft Team and Other Collaboration Tools – Zoom, Google Duo, Hang Out and Google Meet
	+ Excel Business Report using Pivot Table for efficient data analysis with low cost
* IT Infrastructure administration and Vendor Management.
* Business Analysis, Requirement Management, Application Architecture Design and Scalability and Testing (UAT)
* Familiar with compliance and Health Care Domain Knowledge – HIPPA etc.

**Sep’19 – Feb’20: Vara Technology Private Limited (For SREI), Kolkata as Manager – Infrastructure**

**Achievements**

* Application stack migration planning and execution in AWS
* Standardization of bulk SMS using Control 91 tool
* Inventory Management and Utilization optimization using Site 24X7 Monitoring System
* Inventory Capacity Optimization for all BU by analyzing Site24X7 Monitoring Data on Storage, CPU and RAM Usage and reducing Cost
* Design and deploy a Stack in AWS
* Linux System Setup and Update with required Modules/Packages as needed.
* Website Migration - C Panel to EC2, EC2 – EC2, GoDaddy to EC2
* JBOSS Configuration on RHEL

 **Nov’18 – Aug’19: Acquiring New Skills**

**Achievements**

Enhanced the knowledge in below area to keep pace with new technology:

* Cloud Computing – AWS and Azure: created own account in Amazon and Azure and implemented virtual network, distributed computing, content delivery, database, blue-green deployment environment.
* Cloud storage
* IAAS, PAAS and SAAS
* Setup disaster recovery environment in public, private and hybrid cloud
* Application migration from in-house server to cloud
* Windows Installer msix format (Install Shield 2019/2020)

**Jul’18 – Oct’18: People Prime World Wide with Cognizant Technology Solutions, Hyderabad (For Aveva)**

**Achievements**

* Rational Synergy 7.2.1 and Change 5.3.1 Migration.
* Synergy and Change Script Upgrade, Maintenance and Enhancement
* Linux System Setup and Update with required Modules/Packages as needed.
* Rational Synergy Support; TFS – User and Admin
* Cloud Infrastructure (AWS & Azure)

**Nov’17 - Feb’18: Quess Corp. Limited, Kolkata as Senior Manager – Infrastructure**

**Achievements**

* Linux System Setup and Update with required Modules/Packages as needed.
* Rational Synergy Support; TFS – User and Admin (Basic).
* Cloud Infrastructure (AWS & Azure).
* Windows, Linux
* OS Shell Scripting

**Sep’09 – Oct’17: Cognizant Technology Solution, Hyderabad & Kolkata as Senior Manager – Delivery (Infrastructure Services)**

**Achievements**

* Ensured Invensys to Cognizant ODC Transition happen smoothly and without any attrition.
* Pivotal at supervising the offshore delivery management for technical deliverables of concurrent projects.
* Stellar at mapping TFS proposals for manufacturing & logistics and healthcare, BFS proposal for other clients when Invensys had additional bandwidth.
* Spearheaded TFS Migration for Mitsubishi Polyester Film (MPF).
* Enhanced the Ticketing tool Work flow Process to capture the effort and resolution/activity details at every stage of technician involvement
* Handled UK Accounts for Travel and Hospitality Vertical revenue of $5M
* Proposal Preparation and Profitability Analysis

## **Previous Employment History**

* **Apr’04 – Aug’09: Invensys Development Centre India Private Ltd., Hyderabad as Manager – Configuration Management**
* **Aug’02 – Mar’04: Baan Info Systems India Ltd., Hyderabad as Engineer Development – II**
* **Jul’99 – Jul’02: Exide Industries Ltd., Kolkata as Officer – Technical**
* **Aug’97 – Jul’99: UHDE India Limited, Pune as Process Engineer**

**MEMBER of:**

* PMI since July 2011 (Member ID: 2144809)
* ISACA since June 2016 (Member ID: 1003561)

**Trainings:**

* DDI – Targeted Selection – Conducted by, VP, HR, Invensys
* Member of Batch 3 & 4-Cognizant Infrastructure Management Professionals (CIMP).
* CCP (Cognizant Certified Professional) for Agile – Scrum.
* CCP (Cognizant Certified Professional) for TFS Administration.
* VMWare Certified Training – VMware vSphere: Install, Configure, Manage (v5.5).
* Onsite training at Lake Forest, CA, USA (Nov’12 to Dec’12) to comprehend Invensys approach to drive projects in Agile across multiple Scrum Teams
* Training in SCCM and Hyper – V
* 4 Disciplines of Execution
* Situational Leadership
* 7 Habits of Highly Effective People
* On going

**Certifications:**

* Certified ITIL V3 2011 Foundation (in May – 2013) by APMG ID: ITIL/MY757505

**Technical Interest:**

* Various Industry Compliance Standards, Government rule about data privacy
* Operating System – RHEL and Windows Server [Setup, Upgrade/Maintenance, Cluster]
* Domain – AD, DNS, DHCP
* Physical and Virtual Networking, VPN, Network and Sub netting and Networking Devices, Firewalls
* Storage Array and RAID
* Dockers and Container - Kubernetes
* Cloud Computing – AWS, Azure and Google Cloud, Digital Ocean and Cloud Security
* Infrastructure as Code (Terraform, Ansible, Puppet, Chef)
* Virtualization – VMware, Hyper –V, Citrix (Zen, VDI)
* LAMP Stack (Linux operating system, the Apache HTTP Server, the MySQL relational database management system, and the PHP programming language)
* Database – SQL Server, My SQL, SQL Express, Aurora, PostGre SQL, Oracle, Informix, MongoDB
* Scripting and Programming (PS, Shell, C#.NET, Python, R, Java)
* Development Environment (IDE) - Visual Studio 2019 and Eclipse/NetBeans/Anaconda/VS Code
* Various System Tools and Utilities
* Web Deployment (Wordpress, Drupal, PHP, Apache)🡪 WYSWYG
* Monitoring of Infrastructure - Site24X7, Cloud Watch
* Build Automation and DevOps – CI/CD Pipeline; Automated Deployment – Chef, Puppet, SCCM
* Reading blogs, forums and use Twitter, Face book, LinkedIn to get insight about latest happenings in technology and IT Organization. Taking online training and practicing – AWS, Microsoft, OpenSAP, DataCamp, Udemy, Alison, YouTube; Career coaching and mentoring in LinkedIn
* Latest technology trend – Big Data, Hadoop, AI, ML, NLP, Blockchain, Cryptography and Crypto currency, Ethical Hacking

**Educational Qualification**

**M Tech. (Chemical Engineering)** IIT Powai, Mumbai, India 1997 8.82 CPI

**B.E. (Chemical Engineering)** Jadavpur University, Kolkata, India 1995 86.7 %

**Higher Secondary (Science)** West Bengal Council of Higher Secondary Education1991 88.7 %

**Secondary** West Bengal Board of Secondary Education 1989 82.0 %

**Personal Information**

**Date of Birth:** 24th July, 1973

**Name:**  Rahuldeb Chakrabarty

**Father’s Name:** Saibal Kumar Chakrabarty

**Present Address:** 33/A Bagha Jatin Road, P.O. Nabagram – 712246, District: – Hooghly, West Bengal, India

**Permanent Address:** 33/A Bagha Jatin Road, P.O. Nabagram – 712246, District: – Hooghly, West Bengal, India

**Linguistic Abilities:** English, Hindi & Bengali

**Nationality:** Indian

**Passport Details:** R8852572 (Valid till 7th February, 2028)

**Authorized to Work:** India

**Visa Status:** **US B1/B2 Visa (Valid till 11th January 2025)**

**Declaration**

I, Rahuldeb Chakrabarty, herewith declaring that all the information furnished above are true and accurate to the best of my knowledge.

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**Rahuldeb Chakrabarty**

Place: Konnagar, Kolkata, India

Date: 19th January 2021