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Prikshit Sheetle

Solutions Architect at Advanced Computer Software Group Plc
Bengaluru, Karnataka, India
Information Technology

Over 16-year extensive experience as an Architect and Product Manager across industry domains. Specializing in enterprise application development and external system integration; including application performance tuning, Enterprise Data/information flow management, and maintaining production infrastructure upgrades. Experience in Analysis, Design, Development, and implementation of web-based, multi-tier enterprise applications using Open Source and J2EE technologies and Machine Learning (ML), Artificial Intelligence (AI) technologies on the Cloud. Acting in multiple roles: Solutions Architect, Developer, System Integrator, and Scrum Master across the portfolios. Successfully, able to balance multiple projects, excited to work on a team, and have a passion to learn and contribute.

Experience:

Solutions Architect
Advanced Computer Software Group Plc (Advanced Business and Healthcare Solutions India Private Limited)
October 2011 – Present

Roles and Responsibilities:
- Migrating customers from monoliths to cloud and microservices on AWS, using managed and non-managed services.
- Assessed assets for identifying current level of best practices adoption, gaps, and roadmap for adoption of cloud/microservices practices.
- Implement working solutions for AWS, OpenShift, Kubernetes, Docker, Java, Spring, Angular, MongoDB, etc.
- Hands-on design and implementation of AI machine learning algorithms using Python and R
- Involved in building data pipelines that extract, classify, merge, and deliver new insights into the data
- Leveraged business knowledge to perform systems engineering, software architecture, and development for an application to generate network architectures.
- Analyzed and profiled code for performance and design improvements.
- Used R/Python for prototype on a sample data exploration to identify best algorithm approach and then wrote Scala scripts using spark machine learning module.
- Involved in all scrum creations and standup meetings
- Given valuable suggestions to improve performance and user interface.
- Using multiple design patterns to solve redundancy and increase performance.

- Following respective standard coding conventions while coding.
- Worked on Spring boot for building Rest service
- Deployed the applications using Tomcat and Docker Containers
- Developed Restful Services for sending and receiving data from different applications through RESTFUL using JSON.
- Designed and Developed Web Pages using HTML, CSS, and JavaScript and used object-oriented JavaScript frameworks like Angular 7
- Extensively involved in writing Angular Http services calls to retrieve the data from the back end and then display it on the screen in a well-organized way.
- Performed Jenkins Build and Deployment for upgrading the application to higher environments.
- Created the automated build and deployment process for application and led up to building a continuous integration system for all our products using Jenkins.
- Used Distribution Version Control Systems like Git to handle small and large projects with speed and efficiency and commit code on daily basis to manage the project.
- All the modules of the application are based on Spring MVC architecture and J2EE technologies.
- Implemented DAO layer using Spring JDBC module to call DB2 stored procedures from the applications and to access Oracle database tables
- Tested raw data and executed performance scripts.
- Used Bootstrap library to quickly build project UI's and used Angular framework to associate HTML elements to models.
- Developed Angular Components, Services, and Models as per requirement.
- CSS and Bootstrap for styling the HTML elements.
- Developed unit test cases using Mockito Framework and Jira for testing and logging is done using Log4j
- Provides Production support during application release and provides support for clients who are using our products and applications through Slack and Emails.

Key Skill:
Java Cloud Architect, Microservices Architect, PL/SQL, Scrum Master, TOGAF 9.2,
Architect Solutions based on Amazon web Service cloud.
Open-Source frameworks analysis and designing for web and mobile-based solutions
Mobile App Development Framework: iOS, Phone gap, Android
Apache Lucene.
Portals - Liferay, Vignette
HTML5, Angular JS, DOJO, DHTML
Database: Oracle, MySQL, PostgreSQL, Mongo, DynamoDB Aurora, Redis and MS SQL 2008
J2EE framework - Spring 3. X, Hibernate 3. X, and Struts 1+
Scripting: Shell Scripting, 4GL
Servers: JBoss, Tomcat, WebSphere
Working on Mobile based Solution development in this organization.
Research and evaluate a variety of software products.

Senior Software Engineer
SAP Concur (Formerly Known as TRX Technologies India Private Limited)
June 2008 – October 2011 (3 years 5 months)

Roles and Responsibilities:
- As a member of the development/Architecture team on the project part of my duties included the development of portlets and web-based solutions and architectural design for the solution. Instrumental to the architectural design of REST-based solutions.
- Prepare Functional Requirement Specification and do coding, bug fixing, and support.
- Interacted with the SMEs to capture the Business needs for the referrals process.
- Performed Gap analysis between business requirements on Proposed and existing systems.
- Participated in designing and developing software using agile development practices.
- Worked on the customization of UPS framework using Struts 1.0, JSP, JavaScript, Html, DHTML, and CSS framework.
- Designed and developed intranet web applications using JavaScript and CSS.
- Created Action classes including dynamic action and dispatch actions to execute the relevant helper classes to execute the business logic.
- Worked on the struts tiles to dynamically generate the JSP page and to create reusable JSPs to maintain a uniform view across all the web pages.
- Used Spring AOP and Dependency Injection (IOC) in developing discount generation Services. Configured and accessed Hibernate with Spring IOC.
- Used Web Services using SOAP to interact with other existing applications.
- Involved in designing and implementing persistence layer using JPA with Hibernate following the Generic Data Access pattern.
- Involved in the implementation of business logic in struts Framework and Hibernate in the back-end.
- Worked on the defect fixing and change requests for the Production environment.
- Built and accessed the database using Hibernate with Oracle.
- Automation of script to build and deploy using Jenkins.
- Used Rational Clear Case as build a mechanism to check in/ deliver the code from the repository.
- Documented Unit test cases and Junit test classes to test the execution of Java classes.
- Worked and deployed using Tomcat as a web server.
- Worked on WebLogic-Ant utilities to generate proxies to invoke web services as a client.
- Used Microsoft Vision to generate UML diagrams (Class and Sequence diagrams) to accommodate the design documents.
- Coordinated with Developers and QA Testing Team regarding testing issues like setting up upbuilds, issuing tickets, setting Testing, and Development Environment.

Key Skill:
Core Java

J2EE framework - Spring 3+, Hibernate 3+ and Struts 1.2
Portals - Liferay, Vignette,
Scripting: Shell Scripting
Open-Source frameworks analysis and designing solutions
Working on Mobile based Solution development in this organization.

Software Developer
NTT Data Corporation (Formerly Known as Keane Inc)
March 2007 – July 2008 (1 year 5 months)

Full lifecycle application development. Designing, coding and debugging applications in various software languages. Software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis
Object-oriented Design and Analysis (OOA and OOD). Software modeling and simulation.
Front-end graphical user interface design. Software testing and quality assurance
Support, maintain and document software functionality. Integrate software with existing systems
Key Skill:
Core Java
J2EE framework: Struts 1.2
Portals: Liferay, Vignette, Alfresco
Scripting: Shell Scripting, 4GL

Engineer Development
Global Multimedia
May 2006 – February 2007 (10 months)

Software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis
Object-oriented Design and Analysis (OOA and OOD)
Software modeling and simulation
Performance tuning, improvement, balancing, usability, automation.
Key Skill:
Core Java, C++, Python
J2EE framework: Struts 1.2
Portals: Liferay, Vignette
Scripting: Shell Scripting, 4GL

Honors & Awards

- Blue Star performer for the 2nd quarter of 2008 in Keane International Limited for Homecare project.
- Star Performer for the 3rd Quarter 2009 in TRX Technologies private limited for performance in Amex CO Email Solutions project.
- Star Performer for the 1st Quarter 2010 in TRX Technologies private limited for performance in Amex CO Email Solutions project.

- Star Performer for the 1st Quarter 2011 in TRX Technologies private limited for performance in Email Solutions project.
- Chairman award for Excellence in Staff Development 2013 in ACS

Education

Manipal Institute of Technology
Master of Science (MS), CSE, 8.4
2012 – 2015
Final year project on Cloud Computing for Transforming Systems using AWS services.

A P S College of Engineering
Bachelor of Engineering (BE), 70
2002 – 2006

Certifications
- Scrum Alliance: Certified Scrum Master
- TOGAF 9.2
- AWS Certified Developer – Associate
- Object Management Group: UML 2 Certified
- Oracle Certified Professional: Java SE 11 Developer

Training and Participations:
- Corporate certified training Java/J2EE as part of Technical training at Keane Inc. Ltd.
- Completed training on Test Driven Development (TDD) at Keane Inc. Ltd
- Big data Hadoop training from Knowledge hut.
- GIDS 2018, 2019 and 2020
- Amazon Summit 2018
- Corporate certified training in Portal and Content Management at Accenture using JSR 168 (Liferay, Vignette, JBOSS, WebLogic, and IBM WebSphere)