

Partha Sarathi Pandey

**Cloud and Data Engineering Architect,
Lead - Digital Platform Delivery and Operations**

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OBJECTIVE

I am seeking a challenging position in a progressive organization where I can use my experience and skills both in technology development and people management to help the company meet and surpass its objectives to achieve their short term and long term goals.

Aspiring to be part of an organization and team where accountability, commitment, and dedication gets priority above any other behavioural quality.

PROFILE SUMMARY

For the last eleven years working mostly in the Analytics, Information Management, and data product development. Started my career as DWH Professional later moved into Cloud and Big Data Engineering Domain.

I have spent my entire career in defining, designing and developing digital platforms, data products and tools for various organization. I have experience working in both Products based and Service based organization and in startup and mature organizations.

As an early starter in Big Data Domain, I have experienced working on data engineering to big data Infrastructure deployment in OnPremise, Cloud, or on Hybrid platforms. My cloud computing experience covers from setting up a virtual data centre to implementation of IAAS, PAAS and SAAS services in both cloud-native and cloud-agnostic implementations. Apart from Cloud Data Engineering, I have also worked on Microservice Architecture. Design and Developed Progressive Web App for associated organizations.

I am a servant leader with hands-on coding skills in Java and Python. Most recent technologies I have done hand on coding are Spark, Kafka, Elastic Search, Node js, Spring Boot, Python Flask, AWS Boto, Azure Python API Various AWS, Azure and GCP services. My core skills are Big Data Analytics, Cloud Computing and MicroServices Design and development.

Apart from technical responsibilities, I have been working as a Peoples manager for around five years now. I have experience in handling more than 60 FTEs under my reporting hierarchy. I build many efficient and dynamic teams of highly motivated and skillfully resources by hiring new talents or by nurturing existing resources. Lead the teams with example and build a culture of accountability, commitment and professional ethics. Provided continuous feedback, recognize the individual strengths and contributions of team members and proactively address mismatched expectations.

I also have experience in Operations. I have managed the entire engineering department as Director of engineering across two geographies of a USA based data product development company and also took care of their India Development Center Operations.

PRIMARY SKILLS

Big Data and Cloud Computing
Solution Architect,
Restful Microservices Design and
Development,
Digital Platform Design,
Development and Operations,
Technology and Product
Management,
Team Building and People
Management,

TOOLS & PLATFORMS

Azure, GCP and AWS Services, Cloud
Infrastructure Deployment, Cloud
Migration, Cloud Security,
Compliance and Governance. Tools
for Implementing batch and
real-time data processing in AWS,
Azure, and GCP

Hadoop, Hive, Hbase, Impala, Sqoop,
Flume and other Hadoop ecosystem
tools for batch processing, Spark,
Kafka, Elastic Stack for real-time
data processing and searching,
Airflow, Oozie, Sentry, Splunk

Java, Python, JavaScript, Node.js,
React.js, Spring-Boot, python flask

Mysql, Oracle, MongoDB, Redis,
Cassandra, MSSql etc.

Automation using Kubernetes,
Docker, Jenkins, Azure DevOps
and various scripting techniques.

AgileScrum and Kanban

EXPERIENCE

GSK, Pune -IN - Lead Consultant: Digital, Data and Analytics Platform Engineering, Delivery and Operations
(Experis It and CTS contact position)

September 2019 - Present

Independent Consultant and Technology Trainer, Pan India

Mar 2019 - September 2019

BDIPlus, Bangalore-IN — Director of Engineering

December 2017 - January 2019

QuantFarm, Pune-IN — Principal Architect

February 2017 - December 2017

Vodafone, Pune-IN — Deputy Manager- Lead Engineer

September 2013 - December 2016

IIT Kharagpur, Kharagpur-IN — Research Scholar

February 2012 - July 2013

Wipro Technology, Kolkata-IN — Project Engineer

December 2009 - February 2012

Independent Hardware and Network Technician, Kolkata-IN

June 2008 - Dec2009

PROJECT EXECUTION SUMMARY (Types of Projects only)

Plan, Design and Develop Hybrid Cloud Environments (Using Both Cloud Native and Cloud Agnostic approach)

- Setting up Azure Virtual DC
- Setting UP multi-region AWS Cloud Platform
- Setting up data platforms using Cloud Agnostic Approach
- Application and data migration in cloud environment
- DR site design and development in the cloud environment.

Implementation of Lambda Architecture and Big Data tools for Advanced analytics use cases

- Implementation of real-time analytics using Spark and Kafka
- Cloud-based data lake development
- Setting up big data clusters (Cloudera and MapR)
- Implementation of IoT Platform for Predictive maintenance
- Log collection and analysis platform development
- Search and advanced analytics platform development
- Experienced in all modern data formats like ORC, Parquet, Delta

Data Products and Big data and Cloud-based tool development

- Big data ingestion tool development
- Progressive web app development for various Enterprise application needs

BI Application and DWH Development

- DWH and ETL development and data migration
- Reports and dashboard development

EDUCATION

B-Tech Electrical 2004-2008

West Bengal University of Technology

DOMAIN EXPERIENCE

Product Development
Investment Bank
Insurance
Securities and Capital Market
Telecom and Energy
Ad-Tech
Pharmacy Supply Chain

LANGUAGES

English
Hindi
Bengali

PERSONAL SKILLS

Focused
Driven
Action Oriented
Flexible

INTERESTS

Learning Emerging
Technology tools,
Farming,
Cooking

REFERENCES

On Request

LOCATION PREFERENCES

Any

CURRENT ADDRESS

Aundh, Pune
Maharashtra, India