

Pankhuri Banerjee

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Work Experience

I am a software engineer with 7+ years of IT experience. Always working on accepting and learning new technologies to deliver what is required in the firm. I am a fast learner and have paced up learning different technologies and use them for the benefits of the organization I have been working so far.

- ❖ **Accenture Solutions Pvt. Ltd.: Application Development Senior Analyst** Dec'16 to Present
 - Accenture Solutions Pvt. Ltd. is a company providing technical services across the world. I am working here as a developer providing technical solutions to problems with the motive of learning and keeping the clients on the edge of the growing technical market. I have been working on automating cloud architecture provisioning and usage for each new client.
- ❖ **Tata Consultancy Services (TCS): System Engineer** Jul'13 to Dec'16
 - TCS is a consultancy company providing technical services and solutions to various organizations. In my service here, I have been working as a Developer providing technical solutions to the clients of TCS. Working to give a robust technical environment for users as per their requirements.

Technical Skills

Business Knowledge: Collateral System of Stock Exchanges, Basics of Financial Markets.

Tools & Techniques: AWS, Terraform, Python, MongoDB, Spring Boot, Spring Data JPA, Core JAVA, PL/SQL, UNIX, Linux, Shell Scripting, Putty, Tortoise SVN, Git, Gerrit, JIRA, Confluence

Key Projects

- myWizard 360(Accenture Solutions Pvt. Ltd.)** Sep' 18 to Present
- Have been working in implementation of automation of AWS cloud infrastructure provisioning, using python and terraform.
 - Have delivered around 8 such automated architectures.
 - Also, had to form a team of 4 people, groom them to the projects requirements and lead them to deliver the products.
 - Have worked on implementing Swagger interface for the existing project.
 - Have made RESTful API's for storing and retrieving License files in Mongo database.
- Accomplishment:**
- Have started a team from scratch, built it and matured it to deliver work.
 - Have started working on architecture delivery automation from scratch and built an application able to achieve the goals.
 - Have paced up to learn AWS, Terraform and Python.

- Her Majesty Revenue Customs (Accenture Solutions Pvt. Ltd.)** Dec'16 to Sep' 18
- Implemented RabbitMQ in the project for queueing requirements.
 - Have worked on Front End development for existing screen as per the existing architecture of the System in a Spring MVC framework.
 - Have worked on developing micro services for transaction of data between the system and third party using RESTful API's in Spring Boot Applications.
 - Have used Spring Data JPA to work on data retrieval and storage from the Oracle Database.
 - Have got experience to work in an Agile environment using the Scrum & Kanban Methodology.
- Accomplishments:**
- Have been able to pace up through the variety of technologies used in the project.
 - Implementation of automated test data generation utility using shell script according to the design of the system.

National Stock Exchange (Tata Consultancy Services) – Collaterals

Jan' 15 to Dec'16

- Have made up file upload facility for Tri-Party Repo (new segment introduction) from the scratch.
- Analysis of New Requirements, checking its feasibility and development using Pro*C, Oracle for the requirements.
- Have worked on Migration: from Unix to Linux, Oracle database from 10g to 12c
- Root cause analysis of production issues.
- Test case preparation and unit testing.
- Providing solutions to technical issues in production environment.

Accomplishments:

- Implemented file upload process from scratch for Tri-Party Repo (new segment being introduced).
- Linux migration of Pro*C components and shells scripts. Testing and Deployment of the same.
- Co-developed backend online processes for introduction of mode in Government Securities addition and release in collateral.

National Stock Exchange – Production Support System

Jul'13 to Dec'14

- The team was developed to check the daily functionalities of the clearing and settlement department of the Exchange.
- Automate daily manual activities for monitoring.
- Analysis of some user-requirements related to SQL.
- Attend to the Production Data Change requests.

Accomplishments:

- Implemented Shell Scripts for monitoring Errors in logs of the processes being hit regularly.
- Implemented Shell Scripts for data capture of the load enacting on the system on daily basis.
- Implementation of Epsilon workflows to schedule daily activities, automate morning and evening checks.
- Implemented Oracle queries as per the user requirements for the system.
- Analyze and perform Production Data Change requests.

Academic Qualifications

2013	B.E(MECH)	Jabalpur Engineering College, Jabalpur	79.75%
2009	CBSE (XII Board)	St. Josephs' Convent School, Jabalpur	84.60%
2007	CBSE (X Board)	St. Josephs' Convent School, Jabalpur	87.40%

Certifications

- AWS Solution Architect – Associate.
- NSE-NCFM Financial Markets: A Beginner's Module.
- Cleared 1z0-051 Oracle SQL fundamentals examination.

Awards

- Awarded Wall of Fame – Delivery Achievers Award (2020).
- Awarded by the Magic Cabinet of Accenture Solutions Pvt. Ltd. for the contributions in work (2018).
- Awarded by the current team for Technical Excellence & Good Team Player in Tata Consultancy Services (2016).
- Awarded by CBSE for achieving 100% in mathematics in High school.
- Awarded by school for academic excellence in High school as well as Higher Secondary.