Rachit Maheshwari

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3 Years of Professional Experience in Software Development & Data Engineer

Summary

Experienced Software Developer specializing in backend development, REST API design, Finacle banking customizations, microservices, and enterprise reporting. Skilled in SQL, PostgreSQL, MongoDB, and JasperReports (iReport) with SQL procedure integration and layout customization. Proven ability to deliver scalable, high-performance solutions in Agile, cloud-first environments.

Professional Experience

Alstonia Consulting LLP | Software Developer
Nov 2023 – Present
- Designed and developed robust backend modules and JARs using Java for core banking software (Finacle).
- Implemented and deployed RESTful APIs for seamless mobile banking app and service integrations (e.g., Aadhaar authentication, MATM).
- Built and optimized PL/SQL procedures for efficient financial data processing and reporting.
- Created scalable backend logic for critical banking modules, including Cash Report, Bulk Upload, and Maker-Checker flows.
- Collaborated effectively within Agile teams to ensure timely sprint-based delivery.
- Designed and deployed complex Jasper Reports using iReport, and. jrxml templates, integrating with SQL procedures and packages.
- Worked with large datasets, optimized reporting performance, and customized layouts, parameters, and data sources for Oracle and SQL Server.

Pure and Cure Healthcare Pvt. Ltd. (Akums Pharmaceuticals Pvt. Ltd. Plant) | Data Engineer and Analyst
Feb 2020 – Feb 2021
- Utilized tools such as Excel & SQL to manage documentation and perform data analysis, ensuring accuracy and compliance with industry standards.
- Organized and maintained essential records to facilitate efficient workflow and data retrieval.
- Assisted in streamlining data management processes, contributing to operational efficiency and productivity.
- Collaborated with cross-functional teams for effective data communication and reporting.

Internship Experience

Alstonia Consulting LLP | Intern – Finacle Developer (CBS Customization)
Nov 2023 – Feb 2024
- Gained valuable experience in Core Banking System customization, focusing on financial software development.
- Utilized Finacle scripting and PL/SQL to enhance CBS functionalities.

Graphic Era Hill University | Intern – Deep Learning
March 2023 – June 2023
- Acquired foundational knowledge in deep learning algorithms and neural networks.
- Worked with Python and TensorFlow for building and training neural network models.

Certifications & Achievements

- Finacle Developer – Alstonia Consulting LLP (Internship Certification)
- Deep Learning Internship – Graphic Era Hill University (Internship Certification)

Educational Background

Graphic Era Hill University | Master of Computer Applications (MCA)
2021 – 2023

Shri Dev Suman Uttarakhand University | Bachelor of Science in Information Technology (B.Sc. IT)
2017 – 2020

Lal Bahadur Shastri Institute, Dehradun | Diploma in Computer Science
Completed in 2015

Uttarakhand Board | Intermediate (PCM)
Completed in 2017

Uttarakhand Board | High School
Completed in 2015

Technical Skills

- **Languages & Frameworks:** Java, Finacle Scripting, Shell Scripting, PL/SQL
- **Web Technologies:** HTML5, CSS3, JavaScript (ES6+)
- **Databases:** SQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Eclipse, JBoss, PuTTY, Git/GitHub, WinSCP, Postman
- **Reports:** Jasper Reports using I-Report Tool
- **APIs & Integration:** RESTful API Development, External Service Integration
- **Methodologies:** Agile, Waterfall
- **Others:** Microsoft Office, Logic Building, Project Documentation

Project Highlights

IPPB Bank Project (Finacle Customization & Integration)
- Developed multiple menus and customized solutions using Finacle scripting, applying Maker-Checker logic to enhance security.
- Created and automated complex PL/SQL queries and procedures for financial data analysis, reporting, and routine operations.
- Designed and managed API scripts to integrate Finacle with external services (MATM, CBS, Aadhaar).
- Built systems like Cash Report and Bulk Upload Module to automate data handling and improve operational efficiency.
- Developed detailed Jasper Reports using I-Report for business analysis and decision-making.

API Development for Mobile Applications
- Created and secured RESTful APIs with Finacle backend logic, enabling seamless mobile app communication.
- Ensured high performance and security through effective data validation and error handling.

JAR Development for Banking Software (Java)
- Developed JAR files to enhance banking software functionalities, ensuring smooth integration with existing systems.
- Utilized Eclipse for scalable and maintainable application architecture.

Languages
- English – Proficient
- Hindi – Native