

Rehan Akhter

Software Engineer | Python • Django • PostgreSQL • AWS • React.js

 [Github](#) |  [in LinkedIn](#) |  [Email](#) |  [+91 8604868588](#) | Jamshedpur, Jharkhand, India

Summary

Backend-focused Software Engineer with 3.5+ years of experience building scalable financial and enterprise applications using Python, Django, PostgreSQL, Redis, React, and AWS. Experienced in reconciliation systems, distributed workflows, microservices, and production-grade backend engineering.

Professional Experience

Software Engineer, CacheTech Advisor Solutions | Remote

Apr 2025 – Present

- Collaborated on reengineering the enterprise reconciliation platform architecture, taking primary ownership of transaction reconciliation business logic, reconciliation workflows, and backend processing pipelines.
- Independently designed and developed the ReconciliationService microservice to transition Django ORM-based reconciliation workflows to optimized raw SQL-driven reconciliation processing.
- Independently reengineered and developed React + Material UI based reconciliation dashboards, summaries, suspect holdings, and conflict resolution workflows with rich UI enhancements.
- Designed and optimized PostgreSQL reconciliation workflows, schema evolution, production migrations, and custodian-specific reconciliation views for financial transaction processing.
- Built and maintained backend reconciliation services using Python, Django, PostgreSQL, and Redis for conflict detection, reconciliation accuracy, and financial data integrity.
- Built event-driven reconciliation processing using AWS SQS, Lambda, and asynchronous workflows.
- Enhanced reconciliation APIs with optimized SQL queries, standardized responses, and human-readable conflict typing.
- Improved system reliability through Redis-backed real-time communication and Django Channels WebSocket handling.

React & Python Developer, Solvative Pvt Ltd | Remote

Oct 2024 – Jan 2025

- Collaborated in developing PyQt5-based workflows for employee insurance record extraction and management standalone Python-based application.
- Led a team of 5 developers from project planning to deployment.
- Technologies: Python, PyQt5, Virtual Machine.

Senior Python/Django Developer, Markytics Consulting Private Limited | Remote **Jan 2023 – Jul 2024**

- Developed scalable loan onboarding and workflow automation systems using Django, PostgreSQL, React Native, React.js, and AWS.
- Integrated third-party APIs including CIBIL, PAN, Aadhaar, Bank Statement, and ITR verification systems.
- Led a team of developers from planning to deployment for enterprise financial onboarding workflows.

Skills

Languages: Python, JavaScript, SQL

Backend: Django, Django REST Framework, Flask, FastAPI, REST APIs, Microservices

Frontend: React.js, Material UI, HTML, CSS, JavaScript

Databases & Caching: PostgreSQL, MySQL, Redis

Cloud & DevOps: AWS (EC2, Lambda, SNS, SQS, CloudWatch, Amplify, CodePipeline, CodeDeploy, S3), Docker, Kubernetes, GitHub Actions (CI/CD)

Systems & Concepts: Financial Reconciliation, Distributed Systems, Async Processing, WebSockets, Database Migrations, Transaction Processing, Microservices

Achievements

- Solved 800+ problems across competitive programming platforms including LeetCode, CodeChef, HackerEarth, HackerRank, GeeksforGeeks, and Codeforces.
- Coding Profiles:
[CodeChef](#) (3★) | [LeetCode](#) | [HackerEarth](#) (3★ Elite) | [HackerRank](#) (4★) | [Codeforces](#)

Education

B.Tech in Computer Science & Engineering, Sagar Institute of Science & Technology, Bhopal, M.P.
CGPA: 8.0 / 10

2017 – 2021