

# AADIT JAIN

☎ +91-9812067321 ✉ [jaadit31@gmail.com](mailto:jaadit31@gmail.com) 🔗 [LINKEDIN](#) 🐙 [GITHUB](#) 🌐 [aaditjain.in](http://aaditjain.in)

## Professional Summary

Software engineer with experience across backend, frontend, & cloud development. Proficient in Java, Spring Boot, React, and Python, with hands-on experience in databases, APIs, and automation. Skilled with tools like Docker, Git, and Jenkins, and experienced in deploying applications on AWS and Google Cloud. I harbor a deep love for mathematics & technology, constantly seeking ways to bridge theoretical concepts with practical applications.

## Technical Skills

**Languages:** Java, Python, C, HTML/CSS

**Cloud:** AWS, Google Cloud Platform, VS Code, Eclipse

**Technologies/Frameworks:** SpringBoot, ReactJS, Linux, Jenkins, GitHub, SonarQube, Docker

**Databases:** PostgreSQL, MySQL

**Distributed Systems:** Redis, Microservices, REST APIs, Event-Driven Design

## Experience

### PureSoftware

Jan 2022 – PRESENT

*Associate Software Engineer*

*Remote*

- Delivered and maintained scalable **Spring Boot microservices** processing **1M+ daily transactions**, leveraging **Spring Security** and **RESTful APIs** while collaborating with stakeholders to drive **financial analysis** and **product decisions**.
- Led a team of **3** to build an **extensive USSD module** for **corporate & retail banking**, implementing **RBAC** for secure, segmented access.
- Architected and optimized **150+ RESTful & event-driven APIs** forming the backbone of **Arttha's digital banking platform**, enabling **FD/RD Deposits**, **premature payouts**, and **top-up services** scaling to **millions of users**.
- Engineered **18+ high-reliability schedulers** automating core banking workflows with **99.9% on-time delivery** utilizing **multithreading** and **CompletableFuture** to reduce processing time from **3 hours to 15 minutes**.
- Orchestrated key **transactional features** for a leading **South African bank** covering **Send Money**, **Request Money**, **Buy Airtime**, **Wallet-to-Bank Transfers**, **Paybill**, and **PIN Recovery**, integrated across **USSD**, **web & mobile app channels**.

*Software Engineer Trainee & Software Engineer Intern*

*Remote*

- Architected and built a **domain-driven banking deposit and pre-maturity computation system** for **FD, RD, and goal deposits**, handling **100K+ accounts** and automating complex **rate logic**, **penalties**, and **real-time maturity calculations**, reducing manual processing errors by **80%** and enabling faster, scalable financial operations.
- Enhanced platform reliability by enforcing **SonarQube quality gates**, **refactoring legacy modules**, and **optimizing transaction-heavy services**—achieving a **25% improvement in API response times** and resolving **2000+ critical issues**, cutting **defect density by 95%**.
- Designed and refactored **REST APIs**, integrated **3rd-party banking services**, added **Redis caching** improving response times by **40%**, and set up **Swagger**, **Postman collections**, and **integration tests** for seamless collaboration & faster QA cycles.
- Partnered with **3+ teams** across **10+ microservices** to integrate complex features, accelerating **sprint delivery by 20%** and fostering stronger **cross-team alignment**.

## Projects

**Bellion - Personal Finance App** 🐙 | *Spring Boot, Redis, PostgreSQL, JWT, Bucket4j*

July 2025 - PRESENT

- Built a **Spring Boot backend** with **JWT authentication & Spring Security**, managing **family finances** with **20+ daily records**.
- Automated **financial data ingestion** from **emails & PDFs** using **Jsoup**, **Apache PDFBox**, & **Spring Mail**, processing **70+ emails daily**.
- Integrated **Bucket4j** with **Redis** for **API rate limiting**, boosting **system reliability by 30%** & blocking unwanted requests.
- Developed **JPA-based persistence** with **PostgreSQL**, mapping **users**, **transactions**, **mutual funds**, & **loyalty program data**.

**Personal Portfolio Website** 🐙 | *Spring Boot, ReactJS, PostgreSQL, Docker*

April 2025

- Developed a **full-stack portfolio website** showcasing **projects**, **experience**, and other **portfolio sections**.
- Implemented **RESTful APIs** with **PostgreSQL**, with the **project section** fetching data from the **GitHub API**, automatically showcasing **6+ public repositories**.
- Showcased a **secure contact form** with **server-side validation & email notifications** to block **spam & excessive messages**.

## Education

Manipal University, Jaipur

*Bachelor of Technology in Computer Science Engineering*

Aug 2018 – Aug 2022

*CGPA : 8.66*