AADIT JAIN

📞 +91-9812067321 ✉ jaadit31@gmail.com in LINKEDIN ⭘ GITHUB 🌐 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 developers** to build an **extensive USSD module** for **corporate & retail banking**, implementing **role based access control (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** to manage **family finances**, automating **financial data ingestion** from **emails & PDFs** using **Jsoup**, **Apache PDFBox**, & **Spring Mail**—processing **70+ emails** and maintaining **20+ daily records**.
- Incorporated **Bucket4j with Redis** for **API rate limiting** and implemented **JPA persistence with PostgreSQL**, enhancing **system reliability by 30%** and securely managing **user, transaction, mutual fund, and credit card data**.

Personal Portfolio Website ⭘ | *Spring Boot, ReactJS, PostgreSQL, Docker*   April 2025

- Developed and deployed a full-stack personal portfolio website with **99% uptime**, featuring a **ReactJS** front-end utilizing **component-based architecture and Context API** for state management, and Spring Boot REST APIs backend.
- Connected the **GitHub API** to dynamically showcase **6+ public repositories** in the project section.
- Showcased a **secure contact form** with **server-side validation** to block **spam** & **excessive messages**.

Captcha Solver ⭘ | *Python, Java*   March 2025

- Reverse-engineered a live website's **CAPTCHA** mechanism and developed an automated solver using **Python/Java**, enabling **seamless form submissions and eliminating manual intervention.**

Education

Manipal University, Jaipur   Aug 2018 – Aug 2022

Bachelor of Technology in Computer Science Engineering   *CGPA : 8.54*