

Anmay Nimbarte

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Summary

Results-driven Backend Developer with experience in scalable application development, production support, and performance optimization. Strong in CI/CD, debugging, and modernizing legacy systems. **Seeking a challenging role** to apply technical expertise, drive innovation, and contribute to high-quality, reliable software solutions.

EXPERIENCE

Tata Consultancy Services Ltd.

Systems Engineer

June 2024 - Present

- Worked for BFSI (Business and Financial Services of India) Unit for the Client NSDL.
- Developed scalable backend logic and front-end features using Java SpringBoot and REST APIs implementing evolving SEBI requirements.
- Collaborated with cross-functional teams including QA, DevOps, and Business Analysts throughout the SDLC to gather business requirements and deliver customized enhancements.
- Resolved critical production issues, reducing system downtime by 30% through RCA and performance optimization.
- Designed and integrated a custom debugging framework, accelerating defect identification and reducing lower-environment testing time.
- Participated in code reviews, unit testing, and CI practices ensuring maintainability and quality.
- Utilized SonarQube for continuous code quality analysis, identifying code smells, security vulnerabilities, and improving overall code maintainability.
- Managed deployments, monitoring, and logs on IBM WebSphere; contributed to CI/CD automation using GitLab.
- Migrated legacy Struts-based applications to Spring Boot microservices, improving maintainability and performance.

SKILLS

- **Languages:** Java, JavaScript, HTML5, CSS, Data Structures & Algorithms
- **Frameworks:** Spring Boot, Hibernate, Struts, Microservices Architecture, Spring JPA
- **Databases:** Oracle, MySQL
- **Messaging/Middleware:** IBM MQ (Queue Operations, Message Put/GET, Queue Monitoring), IBM MQ Console
- **Collaboration & Project Tools:** Git, GitLab, Eclipse, VS Code, Postman, IBM WebSphere
- **Soft Skills:** Problem Solving, Communication, Adaptability, Teamwork

PROJECTS

1. Margin Pledge Modernization – FinTech Settlement Platform

- Developed SEBI-compliant Margin Pledge workflows for secure pledge/re-pledge.
- Implemented automated schedulers for monitoring, exception handling, and reconciliation.
- Enabled real-time collateral lifecycle operations through microservices-based architecture.

2. Early Pay-in (EPI) System for Unpaid Securities – Intra & Inter Depository Processing

- Developed automated Early Pay-in processing for unpaid securities.
- Implemented pledge initiation workflows and automated movement instructions.
- Designed validation checks, exception flows, and automated triggers for clearing corporations.
- Improved settlement speed and reduced manual intervention for brokers and clearing members.

3. Handwritten Text Recognition (HTR) System – Deep Learning OCR

Tech: Python, TensorFlow, Keras, CRNN Architecture

- Built an end-to-end handwritten text recognition model using CRNN architecture.
- Achieved ~80% accuracy through hyperparameter tuning and normalization.
- Automated handwritten data extraction, reducing manual workload by ~60%.

EDUCATION

- **Bachelor of Technology**, Maulana Azad National Institute of Technology, Bhopal 2020-24
 - **Major:** Electronics & Communication Engineering, CGPA:7.61/10
- **Senior Secondary (XII)** – CBSE – 94.2% 2019
- **Higher Secondary (X)**-CBSE - (CGPA:10/10) 2017