Shreya Wanisha

Software Developer

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Full Stack Developer with **2+ years** of experience building scalable enterprise systems processing **70M+ daily records**. Expertise in **Java/Spring Boot development, AWS architecture and microservices design**. Proven track record of optimizing system performance, implementing **CI/CD pipelines**, and **maintaining 90%+ test coverage**.

EDUCATION

Northeastern University (Boston, USA) — Expected 05/26
Masters of Science in Software Engineering Systems — **GPA: 3.9/4**

G.L Bajaj Institute of Technology and Management (Greater Noida, India) — 2022
Bachelor of Technology in Computer Science and Engineering — **CGPA : 8.6/10**

SKILLS

Programming Languages	Java, C++, Python, JavaScript, Typescript
Back End Technologies	Spring Boot, REST API, gRPC, Spring Batch, SQL, NoSQL, Node.js
Front End Technologies	HTML5, CSS3, SCSS, JavaScript, React, Tailwind CSS, Shadcn/ui, Bootstrap
Cloud/DevOps Tools	AWS (Lambda, DynamoDB, S3, OpenSearch), Docker, Kubernetes, Git, CI/CD, Grafana, Prometheus
Data and ETL Tools	Azure Databricks, Azure Data Factory, Synapse Analytics, Azure DevOps

TECHNICAL EXPERIENCE

Software Engineering Intern — **May 2025 - Aug 2025**
Labcorp - Boston, USA

- Contributed to an **AWS-managed order processing system** using **Java, Spring Boot**, supporting laboratory workflows from lab test orders to results, while ensuring code quality with **clean code practices** and **unit and integration tests**
- Built a data processing feature in the order processing system using **Spring Batch**, handling **70M+ records daily**, reading from **Amazon S3**, querying **OpenSearch API**, and performing business operations.
- Worked on an **AI-driven email automation system** using **Node.js, AWS Lambda, DynamoDB**, and **Amazon Connect**, enabling automated responses to client queries and reducing the manual workload of agents.
- Designed **Lambda-triggered contact flows** that process incoming queries with **LLMs**, extract user information and generate dynamic email replies.

Consultant - Java Application Developer — **Sep 2022 - Aug 2024**
Thoughtworks - Bengaluru, India

- Engineered and deployed high-quality Java applications and scalable backend solutions using **Spring Boot** and **gRPC**, focusing on **OOP and SOLID principles** for optimal performance and maintainability.
- Containerized applications with **Docker** and **Kubernetes**, **improving deployment efficiency by 30%**, and built **Grafana dashboards with Prometheus** for **real-time monitoring**, reducing incident detection time by **40%**.
- Led end-to-end delivery of **25+ product features** in collaboration with cross-functional teams, contributing to design discussions, **code reviews and client interactions**.
- Practiced **Extreme Programming (XP)**, **Test-Driven Development (TDD)**, **pair programming**, and **clean code principles**, achieving **90%+ code and mutation coverage**, resulting in robust, reliable, and maintainable systems.

Associate Software Engineer - Data Engineer — **Sep 2021 - Aug 2022**
MAQ Software - Hyderabad, India

- Built and managed **ETL pipelines** using **Azure Data Factory (ADF)**, **Azure Databricks (ADB)**, **Data Lake Storage**, and **SQL Server**, focusing on data ingestion, transformation, and scheduled workflows.
- Improved cluster efficiency by migrating to job clusters and applying optimizations such as **data partitioning, Z order, and memory management**, resulting in **50% faster execution and cost savings**.

PERSONAL PROJECTS

Parkbnb - Smart Parking Reservation Solution [GitHub] — **Sep 2024 - Dec 2024**
Java, Spring Boot, React.js, PostgreSQL

- Built a parking platform with **geolocation (Google Maps API)**, **stripe payments**, role-based dashboards and user feedback.
- Led a team of 5; designed **backend services (Reservation, Payment, Geocoding)**, with **SOLID principles**, **JWT auth**, and scalable architecture.

TrueVoices - Testimonial Management Platform [GitHub] — **Sep 2024 - Dec 2024**
React, Node.js, MongoDB, Stripe, Vite PWA

- Developed a platform for **video/text testimonials** with **customizable forms**, centralized management, and website embedding.
- Integrated **Stripe payments**, **PWA for offline access**, and **i18n** (English, Hindi, French) for a global user base.