

VIVEK DONGARE

@ dongarevivek81@gmail.com 9823369158 -Portfolio -GitHub in -LinkedIn -Leetcode Chennai,India

Software Development Engineer with hands-on experience in building scalable, high-performance microservices and distributed systems. Currently contributing to production-grade systems at Zoho Corporation.

EXPERIENCE & INTERNSHIPS

Software Developer

Zoho Corporation - visit

July 2023 - present Chennai, India

- DRI of 2 products, Implemented a fully asynchronous **watermarking pipeline** for **Zoho Mail** using Tesseract OCR + ONNX in Java; scaled to **200k daily requests**, reducing inference latency by **40%** via thread-pool tuning.
- Focused on **backend optimization**, improving API response times by over 25%.
- Engineered a PII detection microservice for WorkDrive and Cliq: * Aho-Corasick Trie * Achieved **98% accuracy**, processing **500k documents/day**, and cut false positives by **30%**.
- Deployed PII service on-premise for **NIC (Govt of India)**, enforcing **Microsoft DLP policies** and enabling real-time sensitive data masking.
- Built robust timeout-handling for large inference tasks by overriding Java threads with InterruptedException, reducing hung threads by **85%**.
- Mentored 2 interns and reviewed 100+ merge requests, enhancing code quality by enforcing SOLID principles and design patterns.
- **Tech Stack** - Java, Spring Boot, PostgreSQL, AWS, Docker
- **Project Demo** - Text Watermarking , ZPII

Project Trainee

Zoho Corporation

Feb 2023 - July 2023 Chennai, India

- Assisted in the development of a **web application** to streamline internal workflows, focusing on the user interface.
- Contributed to the design and implementation of **RESTful APIs** for internal tools used by multiple teams.
- **Tech Stack** - Node.js, Express, MongoDB, AWS, Docker, JavaScript

Backend Developer Intern

Shop Bonanza - visit

Jul 2021 - Oct 2021 Dehradun, India

- Revamped the backend of the E-Commerce platform web app, improved performance of the web app by implementing Scalable techniques. Link- [shopBonanza.in](#)
- Contributed to a Magento extension for tracking customer activity and products information on E-commerce websites.
- **Tech Stack** - JavaScript, Node.js, Express, MongoDB

EDUCATION

B.E. in Electronics & Power

Government College of Engineering Nagpur

2019 - 2023 (expected) Nagpur, India

CGPA : 8.68

PROJECTS

StreamMyMeal -Live

- Designed modular microservices for orders, users, inventory, and delivery using Spring Boot.
- Built event-driven architecture with **Kafka** to handle order lifecycle and inventory sync in real time.
- Integrated **gRPC** and REST APIs for inter-service communication and backward compatibility.
- Used **Redis** for session caching and **rate-limiting** to improve throughput and responsiveness.
- Applied **Resilience4j** (circuit breakers, retries) and health checks for fault-tolerant service behavior.
- Containerized and deployed to **Kubernetes** with **Helm**, CI/CD via GitHub Actions, and **observability** via Prometheus & Grafana.
- **Tech Stack**: Java, Spring Boot, Kafka, Redis, PostgreSQL, gRPC, Docker, Kubernetes, Helm, Prometheus, Grafana, Resilience4j

FamilyBank -Live

- Built a modular goal-based banking system with Spring Boot microservices for budgeting, investments, and AI-driven insights.
- Designed event-driven workflows using **Kafka** for real-time transaction, goal tracking, and savings automation.
- Developed an **AI insights** service for spending **anomaly detection** and savings forecasting via **gRPC**.
- **Tech Stack**: Java, Spring Boot, Kafka, PostgreSQL, Redis, gRPC, Docker, Kubernetes, Keycloak

SKILLS

- **Languages**: Java (8-17) , SQL, C, Bash, TypeScript
- **Frameworks/Libraries**: Spring, Spring Boot, Hibernate, JUnit, Resilience4j, React, Next.js
- **Architecture & Patterns**: Microservices, REST, gRPC, Event-driven, Domain-driven Design, Kafka, RabbitMQ
- **Databases**: PostgreSQL, MySQL, MongoDB, Redis
- **Cloud/DevOps**: Docker, Kubernetes, Helm, AWS, Jenkins
- **Developer Tools**: Git, Maven, Eclipse, VS Code, Locust, Linux (Ubuntu, CentOS)

ACHIEVEMENTS

- Solved 800+ DSA problems (500+ LeetCode, 250+ GFG).
- Ranked Top 5 coder from college on GeeksforGeeks.
- Top 10 finalist in national-level hackathon (HackX 2024).
- Got an Appreciations on Excellence of work in Techfest's Tech Team of Adhyaaya 2020.
- Conducted peer DSA sessions as part of college coding club.