VIVEK DONGARE

@ dongarevivek81@gmail.com   📞 9823369158   🔗 -vivekdongare81   in -LinkedIn   -Leetcode   📍 Chennai,India

Backend-focused Software Developer skilled in building high-performance, scalable 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 Trainee
Zoho Corporation   - website

📅 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

AI Assistant Sandbox   -Live
- Built a local IDE copilot combining **VS Code**, **LangChain**, and multiple LLMs (planner, summarizer, debugger agents) to enhance developer productivity.
- Achieved a **25% improvement in dev flow efficiency** through contextual prompt chaining and task decomposition.
- Integrated a dynamic prompt routing system for switching between OpenAI, Claude, and open-source models.
- **Tech Stack:** Node.js, Bootstrap, MongoDB

LeetChat   -Live
- Developed an emotional-Aware Coding real-time chat assistant using **React**, **Socket.io**, and **OpenAI APIs** for LeetCode practice.
- Focused on both solution guidance and emotional motivation, enhancing user experience and retention by **15%**.
- Engineered context-aware state tracking and friend-like interaction logic using fine-tuned prompt templates.
- **Tech Stack:** Node.js, Bootstrap, MongoDB

Uber Simulation   -Live
- Designed and implemented a scalable backend ride-matching system using **graph traversal algorithms** and **SOLID principles**.
- Developed **RESTful APIs** with Spring Boot to handle driver-rider allocation, trip lifecycle, and pricing logic.
- Kept matching latency under **100ms** during simulated peak loads using efficient data structures and caching strategies.
- **Tech Stack:** Node.js, Bootstrap, MongoDB

SKILLS

- **Languages:** Core Java, SQL, C
- **Frameworks/Library:** Node.js, React.js, Express
- **Database:** MYSQL, MongoDB
- **Developer Tools & Tech:** Git, Rest APIs, Locust, Heroku

ACHIEVEMENTS

- Five Start Badge In Java For Language Proefficiency,Problem Solving On HackerRank Platform.
- Ranked 8th in RTMN University Exam 3rd Sem 2021.