VIVEK DONGARE

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PROFESSIONAL EXPERIENCE

Software Developer | *Zoho Corporation* <div align="right">July 2023 – Present</div>

- Led design of an **Invisible Watermarking Platform** for *Zoho Mail* (**100M+** users), scaling to 500k+ daily requests with **95%+** retrieval accuracy and robust document decoding workflows.
- Productionized a CNN Classifier and OCR-based preprocessing, building a custom dataset and deploying Onnx-optimized inference pipelines in Java backend, achieving <**100ms** latency for high-throughput AI workflows.
- Built an AWS-hosted media pipeline (S3, PostgreSQL, Kafka), scaling to 5k+ concurrent users and reducing latency **45%**, improving user streaming experience.
- Optimized microservices (configs, thread pools, I/O), boosting throughput **35%** while sustaining **500k+** daily requests with lower infra usage; added observability with ELK & Prometheus.
- Developed a high-speed **PII Detection Engine** using Aho-Corasick Trie with checksum validation and OCR context scoring, processing **75k+ docs/day** at **70% faster** speeds.
- Delivered enterprise-grade **DLP Pipelines** for *Zoho WorkDrive* (**7.5M+** users), *PlatformAI* (LLM data sanitization with **98% precision**), and on-prem deployments aligned to **Microsoft DLP** compliance for **NIC (Gov of India.)**
- Mentored interns, reviewed PRs, enforced Java/OOP best practices, and streamlined CI/CD pipelines.
- **Tech Stack:** Java, Spring Boot, PostgreSQL, Kafka, OpenCV, Tesseract, Docker, AWS
  Media Demo: Invisible Watermarking, ZPII

Project Trainee | *Zoho Corporation* <div align="right">Feb 2023 – July 2023</div>

- Developed a modular, cloud-native **internal operations dashboard**, streamlining automation workflows.
- Resolved **50+ production bugs** and integrated multiple log sources into a distributed **SIEM platform**, improving incident response efficiency.

Web Developer Intern | *Shop Bonanza Pvt.* <div align="right">Jul 2021 – Oct 2021</div>

- Revamped backend of E-Commerce platform web app, improving scalability. - ShopBonanza.in
- Contributed to a Magento extension for customer activity tracking and analytics, enhancing business intelligence.

PROJECTS

StreamMyMeal -Live | *Java, Spring Boot, PostgreSQL, SFU, Node.js, gRPC, Docker, AWS* <div align="right">March 2025</div>

- Developed full-stack food delivery platform with real-time tracking and chef **livestreams**.
- Architected distributed microservices (users, orders, payments, delivery) with **WebRTC**-based streaming.
- Implemented **Kafka** event system for async workflows, notifications, and inventory sync.
- Integrated **gRPC + REST APIs**, Redis caching, Resilience4j, and health checks for fault tolerance.
- Deployed on **AWS** with Kubernetes, CI/CD pipelines, and observability (Prometheus, Grafana).

FamilyBank -Live | *Java, Python, Spring Boot, Langchain, Kafka, PostgreSQL, Redis, Docker* <div align="right">May 2025</div>

- Built modular goal-based banking system with Spring Boot microservices for budgeting and planning.
- Designed event-driven workflows via Kafka for transactions, goal tracking, and automation.
- Developed **AI insights** for anomaly detection and savings forecasting using gRPC.

EDUCATION

Government College of Engineering Nagpur <div align="right">Nagpur, India</div>
*B.E. Electronics & Power   CGPA: **8.68*** <div align="right">*2019 – 2023*</div>

TECHNICAL SKILLS

Back-end Stack: Java, Spring (Spring Boot, Spring MVC, Spring JPA), Hibernate, Next.js, Python, FastAPI
Architecture & Databases: Microservices, REST, gRPC, Event-driven, DDD, PostgreSQL, Redis, Kafka
Cloud Stack: AWS (S3, EC2, EMR, RDS, DynamoDB, IAM, Security Group, VPC), Docker, Kubernetes, Helm, Jenkins
Coursework: OOP, DSA, Algorithms, Version Control, Design Patterns
Developer Tools: Git, Maven, GitHub Copilot, Locust, Linux

ACHIEVEMENTS

- Solved **800+** DSA problems (500+ LeetCode, 250+ GFG).
- Ranked **#1 coder** in college on GeeksforGeeks; contributed to Techfest Tech Team (Adhyaaya'20).
- Conducted peer DSA sessions as part of coding club.