Divyanka Pagare

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Mumbai, Maharashtra, India

Summary

Intuitive Software Engineer experienced in building scalable, user-focused applications using **Java, JavaScript, React, and the MERN stack**. Skilled in designing clean, maintainable solutions for **large-scale systems** with a focus on **performance, reliability, and usability**. Driven by a strong **growth mindset**, I continuously improve through **DSA, system design, and real world engineering**, delivering **production-ready, high-impact solutions**.

Skills

Programming Languages: Java, JavaScript

Backend, Frontend & Services: Next.js, Node.js, Express.js, React.js, REST APIs, Microservices, Distributed Systems, API Design, Service Architecture, HTML, CSS, Bootstrap, PostgreSQL, MongoDB

Cloud & DevOps: Kubernetes, Docker, Containers, CI/CD, GitHub Actions, AWS EC2, Infrastructure Automation, Git

Reliability & Engineering: Observability, Monitoring, Logging, Alerting, Debugging, Automation, Testing, Clean Architecture, Performance Optimization, Fault Tolerance

Core CS: Data Structures & Algorithms, Object-Oriented Programming, System Design, Scalability, Operating Systems, Computer Networks

Projects

Conversational Intelligence Platform *Jan 2026 – Present*

- Built and deployed a **container-ready conversational platform** using **MERN and OpenAI APIs**, supporting **100+ concurrent users** with real-time streaming.
- Engineered **session orchestration, async pipelines, and caching** to achieve **sub-300ms median latency**.
- Implemented **structured logging, metrics, and optimized schemas**, improving API reliability and storage efficiency by **25%**.

CustomVCS – Git-Inspired Version Control System *Sep 2025 – Dec 2025*

- Architected a **service-oriented version control system** with commits, branching, rollback, and history traversal.
- Implemented **commit graphs, diff engines, and indexed metadata** to support **1000+ operations** with $O(\log n)$ lookup.
- Refactored core components into modular services, improving **fault isolation, scalability, and feature velocity** by **30%**.

Experience

Cogoport, Software Development Engineer, Mumbai, India *April 2025 – Present*

- Delivered **Next.js services integrated with REST APIs and Netflix Conductor**, reducing workflow execution latency by **30%**.
- Built **reliable API orchestration layers** with retries, validation, and async handling for distributed workflows.
- Automated **document extraction pipelines**, increasing throughput and reducing manual effort by **40%**.
- Implemented **monitoring, structured logs, and incident-safe error handling**, cutting production issues by **25%**.

Infosys Springboard 5.0, Software Engineer Internship, India *June 2024 – Aug 2024*

- Built a **Java Spring Boot service** with **Controller–Service–DAO architecture** for multi-role food delivery operations.
- Developed and optimized **25+ REST APIs** with SQL persistence, processing **200+ orders** with consistency and availability.
- Applied **OOP principles, logging, testing, and query optimization** to improving service performance by **20%**.

Sumago Infotech, Full Stack Developer - Internship, Nashik, India *Dec 2023 – Feb 2024*

- Developed a **full-stack advisory system** using **React and Node.js** serving **20+ institutions**.
- Built **MongoDB-backed REST services** with geo-filtering, reducing query latency by **35%**.
- Optimized **API performance, modularity, and deployment readiness** for scalable production use.

Education

Pune Vidyarthi Griha's College of Engineering, Nashik *July 2021 – May 2025*

- Bachelor of Engineering in Computer Science – GPA: 8.14/10.