Sumit Pande

Full Stack Developer | React.js / Node.js / Typescript / Java

Pune, Maharashtra, India | +91 9421334481 | pande.sumit122@gmail.com
linkedin.com/in/sumit-pande | github.com/Sumitpande
Portfolio: sumitpande.netlify.app | leetcode.com/u/Sumitpande

Professional Summary

Full Stack Developer with 4+ years of experience building internal platforms and backend systems. Skills include React.js, Node.js, TypeScript, Java, and relational database design. Delivered an employee platform used by 1,000+ employees, automated profile generation, and built shared libraries used across multiple projects.

Technical Skills

Languages: JavaScript, TypeScript, Java, Python, HTML, CSS
Frontend: React.js, Next.js, Vue.js, Zustand, Pinia
Backend and APIs: Node.js, Express.js, Spring Boot, REST APIs, GraphQL, WebSockets, Socket.IO
Data and Messaging: PostgreSQL, MongoDB, Redis, Prisma, Apache Kafka
Tools and Platforms: Git, GitHub, Docker, AWS (EC2, S3), CI/CD, npm, Ollama, Claude, Copilot
Architecture: Microservices, distributed systems, event-driven architecture, JWT authentication

Professional Experience

Dassault Systèmes July 2022 – Present
Software Engineering Specialist Pune, India

- Led end-to-end development of Skill Portal, an enterprise platform used by 1,000+ employees, covering ProG, RMG Dashboard, My Competency, and Team Competency.
- Built ProG to automate PDF profile generation across the organization, reducing profile creation time by 80% and saving an estimated 200+ hours per month.
- Developed RMG Dashboard to give resource managers on-demand access to employee profiles, improving request turnaround time by 50%.
- Integrated Ollama (LLMs) with Node.js to build a natural-language query engine for structured data, using intent detection and dynamic function dispatch without custom model training.
- Published a shared internal npm utility library adopted by 5+ projects, reducing cross-team code duplication by 40%.

Projects

Nexus – Distributed Messaging Application github.com/Sumitpande/Nexus
React.js, Node.js, TypeScript, PostgreSQL, Redis, Socket.IO, Apache Kafka, Docker

- Designed six services—API Gateway, Auth, User, Chat, Socket Gateway, and Notification—with database-per-service isolation and Kafka-based inter-service communication.
- Built direct and group messaging with WebSockets and a Redis Pub/Sub adapter for event distribution across instances; used Redis TTLs to expire presence records.
- Implemented a Kafka-driven notification service for email and in-app delivery based on user preferences, with delivery tracking, dead-letter queues, and retry logic.
- Implemented JWT access tokens and HttpOnly refresh tokens with rotation and Redis-backed reuse detection; designed PostgreSQL composite indexes and cursor-based message pagination.

Education

Bachelor of Technology in Information Technology Mar 2018 – Mar 2022
Shri Guru Gobind Singhji Institute of Engineering and Technology
Nanded, Maharashtra | CGPA: 8.6

Certifications

CS50W: Web Programming with Python and JavaScript | edX / Harvard
Python Basics for Data Science (PY0101EN) | edX / IBM