Paresh Bhamare

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SUMMARY

Full-stack developer with experience building scalable web applications using Spring Boot, React, Node.js, and PostgreSQL. Strong foundation in REST API design, database optimization, and design patterns for clean, maintainable code, with a track record of delivering reliable, high-quality features in collaborative teams.

SKILLS

- **Programming :** Java, JavaScript, TypeScript, SQL
- **Backend :** Spring, Spring Boot, Node.js, Express.js
- **Frontend :** Angular, React.js, Redux, React Native, Next.js
- **Databases & ORMs :** MySQL, PostgreSQL, MongoDB, Spring Data JPA, Prisma ORM
- **Tools & Platforms :** Git, GitHub, Maven, AWS, Docker, Redis, Kubernetes
- **AI Frameworks & Tools :** Spring AI, LangChain, LangFlow, Vercel AI SDK, LlamaIndex, Ollama

EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech Computer Eng	R.C.Patel Institute Of Technology, Shirpur	7.46	2025
12th (HSC)	Madhyamik Vidyalaya, Tarhadi	86.7%	2021
10th (CBSE)	Kendriya Vidyalaya, Dhule	82.2%	2019

EXPERIENCE

Backend Engineer – AI Integrations & Platforms | Innovantes IT Solutions, Mohali   Feb 2026 – Present

- Built scalable REST APIs and microservices for an MG Automotive EPC platform using Node.js and Express.js.
- Integrated a RAG pipeline using LangChain, Gemini embeddings, and pgvector for semantic search over MG manuals and DTC fault codes.
- Collaborated with cross-functional teams to deliver parts catalog management, advanced search, and AI-powered classification features.

Full Stack Developer | AISOLO Technologies Pvt. Ltd, Navi Mumbai   Jan 2025 – Jan 2026

- Developed end-to-end features using Spring Boot, Java, and React, delivering production-ready releases in short iterations.
- Designed scalable REST APIs and optimized PostgreSQL/MySQL schemas, improving performance and reliability.
- Worked with product teams to own features end-to-end and contributed to Dockerization and CI/CD automation.

PROJECTS

AI Code Generation Platform | Spring Boot, Kafka, Redis, Kubernetes, RAG, WebSocket   ⬡

- Built a scalable Lovable-inspired platform with microservices for AI code generation, execution, and quota management.
- Implemented RAG with Qdrant vector DB for context management and real-time code streaming via WebSocket.
- Designed Kubernetes-based code execution with isolated pods, sidecar containers, and Ingress routing for preview URLs.
- Integrated Kafka for event-driven architecture and Redis for high-throughput token/quota tracking.

Airbnb — Vacation Rental Platform | Spring Boot, Redis, AWS S3, Stripe   ⬡

- Built a vacation rental app with Spring Boot, Stripe payments, and Redis caching for optimized search and booking flows.
- Implemented Factory pattern, optimistic locking for double-booking prevention, and scheduled maintenance tasks.
- Integrated AWS S3 for image storage, Spring GraphQL for flexible APIs, and i18n for multi-language support.

ExplainX — AI-Powered Learning Platform | Next.js, Express.js, Pinecone, PostgreSQL   ⬡

- Developed a scalable RAG-based learning platform with modular FastAPI services and optimized PostgreSQL schemas.
- Implemented ingestion pipelines for document processing, embedding generation, and Pinecone vector sync.
- Built reusable UI components in Next.js and improved retrieval performance for fast, accurate content delivery.

CERTIFICATIONS & ACHIEVEMENTS

- Java Full Stack Developer – Wipro Certified 🔗
- Spring 6, Spring Boot 3, Spring AI – Telusko 🔗
- Front/Back-End Development – Meta 🔗
- Winner Smart India Internal Hackathon (80+ teams)
- Copyright – DNS Resolver & Web Security 🔗
- Team Lead & Mentor – Akatsuki Coding Club, RCPIT 🔗