

Shridhar Pandey - Java Full Stack Developer

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Summary

Software Engineer specializing in scalable Java Spring Boot backends, AI-powered applications, and modern React frontends. Experienced in modernizing legacy systems, optimizing application performance, and delivering production-ready software from architecture to deployment. Passionate about open-source software and engineering high-performance enterprise solutions.

Skills

- **Languages:** Java 8+, TypeScript, JavaScript, Python, SQL
- **Backend:** Spring Boot, Microservices, Node.js, RESTful APIs, WebSocket
- **Security:** Spring Security, OAuth2, JWT
- **Frontend:** React.js, Angular, Next.js, Tailwind CSS
- **Databases:** SQL (PostgreSQL, MySQL, Microsoft SQL Server), NoSQL (MongoDB, Redis)
- **AI Engineering:** Spring AI, LangChain4j, Prompt Engineering
- **Cloud:** AWS (EC2, S3, Lambda), Azure (Virtual Machines, Functions)
- **DevOps:** CI/CD, Docker, GitHub Actions, Git, Linux
- **Testing & Build Tools:** JUnit 5, Mockito, Maven

Experience

Associate Software Engineer | Inspiroz IT Services Pvt Ltd, Navi Mumbai | Oct 2024 - Present

- Engineered a secure **Text-to-SQL AI Agent** using **Spring AI** and **LangChain4j**, achieving **95% query accuracy**.
- Reduced AI perceived latency by streaming real-time execution states via **HTTP chunked transfer encoding**.
- Led the migration of a legacy **Node.js** monolith to a scalable **Spring Boot microservices** architecture.
- Slashed database query load and **reduced overall API response latency by 40%** via advanced **Redis caching**.
- Accelerated software delivery, **reducing deployment times by 80%** via **Docker** and **GitHub Actions** automation.
- Designed a **React/TypeScript** framework, compressing dashboard implementation from **1,000 to 6 lines of code**.

Projects

PureStream | Java | April 2026 - Present

- Engineered a zero-dependency **Java ETL engine** processing **10M+ records in under 40s** with an **O(1) memory footprint**.
- Published a fluent API to **Maven Central** featuring relational algebra operations and automated JSON flattening.
- Optimized performance using a **Flyweight schema pattern** and managed the complete software release lifecycle.

inDistant | Next.js, PostgreSQL, WebSocket | November 2025 - Present

- Architected a scalable, real-time messaging platform using **Next.js** for low-latency communication.
- Engineered secure **WebSocket** for live presence tracking, typing indicators, and instant message delivery.
- Implemented robust security with native **OAuth2** and stateless session management for secure authentication.

Intelligentable | React.js, TypeScript | May 2025 - Present

- Developed and published a fully typed **React component library** on NPM, achieving **2,500+ active downloads**.
- Engineered reusable, accessible UI components utilizing strict **TypeScript** to accelerate enterprise development.
- Architected a scalable **open-source** foundation demonstrating expertise in modern frontend component lifecycles.

Education

- **B.Sc. in Computer Science** | University of Mumbai | June 2021 - April 2024

Certifications

- **Java Foundations Professional Certificate by JetBrains** | JetBrains | March 2026
- **Docker Foundations Professional Certificate** | Docker | March 2026
- **Certification Program in Java Full Stack Development** | Capgemini | April 2024 - July 2024