

Pranav Patil

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SUMMARY

Software Engineer experienced in building and owning **production full-stack applications and AI-powered solutions**. Skilled in developing end-to-end features, building backend services and REST APIs, implementing business logic, and developing responsive user interfaces using **Java, Spring Boot, React.js, GraphQL, REST APIs, SQL, PostgreSQL and AWS**.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, C++, Python, HTML, CSS
Backend: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Spring Security, Microservices
Frontend: React.js, Tailwind CSS, Apollo Client, React PDF Renderer
APIs & Databases: REST APIs, GraphQL, PostgreSQL, MySQL, MongoDB
Cloud & Tools: AWS (S3, Lambda, CloudWatch), Git, GitHub
AI / GenAI: LLM Integration, Ollama, LangChain, LangGraph, MCP

EXPERIENCE

Software Engineer

August 2025 – October 2026

Indextnine Technologies Pvt. Ltd.

Pune

- Engineered a configurable pricing and discount engine in **Java (Spring Boot)** using business-rule-driven logic and feature flags to automate flat-rate adjustments, improving pricing accuracy by **15%**.
- Built and owned a **Spring Boot microservice** exposing **GraphQL** that orchestrate the core pricing service (CDS) to serve crew and truck rates across **80+ U.S. branches**, increasing user flow completion by **20%**.
- Developed a state-aware documentation microservice using **React PDF Renderer, AWS Lambda, and S3** to automate location-specific compliance layouts, reducing code redundancy by **40%**.
- Optimized payment workflows by implementing fuel, distance, and hourly discount calculations in the **Spring MVC** service layer and tuning **Hibernate/JPA** queries, reducing API response time by **10ms**.
- Automated workforce scheduling communications using **Spring Boot scheduled jobs** to notify employees of upcoming shifts, saving managers **10+ hours weekly**.
- Engineered an enterprise MIS analytics platform using **PostgreSQL, Spring Data JPA, and React.js**, delivering **5 dashboards and 25–30 KPIs** for senior management visibility into revenue, utilization, and department performance.
- Integrated **Tesseract.js OCR** to automate document data extraction, reducing manual processing time by **30%**, and secured sensitive financial data with encryption APIs and a **JWT-based RBAC system** in **Spring Boot**.

Full Stack Developer Intern

November 2024 – February 2025

BEYINC

Remote

- Developed a responsive profile management feature using **React.js**, implementing user profile creation, retrieval, and update workflows integrated with backend APIs and MySQL.
- Improved search efficiency by implementing **debouncing** to reduce unnecessary API calls and introduced **lazy loading** to progressively load posts as users scrolled.

PROJECTS

Whispr – Anonymous Feedback & Moderation System — Java, Spring Boot, MySQL, WebSocket, JWT, NLP

- Built a secure anonymous feedback platform using **Java, Spring Boot, MySQL, and JWT-based RBAC** to authenticate users, enforce role-based permissions, and protect feedback data.
- Developed real-time moderation using **WebSockets** and **JavaMail** alerts, enabling instant moderator notifications for reported feedback.
- Integrated **NLP-based sentiment analysis** to flag negative or abusive messages, processing **1K+ messages** with an average processing time of **under 200ms**.

EDUCATION

Savitribai Phule University

Bachelor of Engineering in Computer Engineering

Bavdhan, Pune

October 2022 – June 2025