Aditya Pandey

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Portfolio: aditya-pandey-portfolio2.vercel.app

Professional Summary

Full Stack Engineer with experience building scalable web applications and backend systems using Spring Boot, Node.js, PostgreSQL, and React, with strong focus on API design, system reliability, and performance-oriented development.

Experience

House of Khalak (HOK) — Remote
Full Stack Engineer (Freelance) — Sep 2025 – Jan 2026

- Designed and developed backend APIs using Node.js and Express with structured service and repository layers.
- Implemented authentication and role-based authorization to secure internal application workflows.
- Built and optimized PostgreSQL queries, improving data retrieval performance and API response consistency.
- Collaborated on frontend features using React, Tailwind CSS, shadcn/ui, and Redux Toolkit for internal dashboards.
- Worked with AI-assisted code editors to accelerate development, refactoring, and debugging workflows.

Truman (Via-Casia Brand) — Remote
Full Stack Engineer — Oct 2023 – Apr 2024

- Migrated production application from React.js to Next.js, improving scalability, routing structure, and maintainability.
- Engineered a bill upload and processing system using AWS S3 and OpenAI APIs, reducing processing time by approximately 85 percent.
- Developed dashboard features including search, filtering, pagination, and status-based categorization.
- Integrated OAuth authentication with Instagram and LinkedIn for secure user identity and data synchronization.
- Deployed applications using Firebase Hosting and managed authentication workflows with AWS Cognito.

Truman (Via-Casia Brand) — Remote
Frontend Developer Intern — Jul 2023 – Sep 2023

- Improved frontend performance and stability by optimizing React components and implementing lazy loading.
- Fixed UI defects and enhanced overall user experience across key application flows.

Education

Babu Banarasi Das University — Lucknow, Uttar Pradesh
Bachelor of Science (Honours) in Computer Science — 2019 – 2022

Technical Skills

Languages: Java, JavaScript, TypeScript
Backend: Spring Boot (currently working knowledge), Node.js, Express.js, REST APIs
Databases: PostgreSQL, MongoDB
Frontend: React.js, Next.js, Redux Toolkit, React Query, Tailwind CSS, shadcn/ui
System Concepts: API Design, Authentication, Authorization, Pagination, Caching Basics
DevOps and Tools: Docker, CI/CD (basic), Git, Postman
Development Workflow: Experience working with AI-assisted code editors for development and debugging

Projects

Acquisition API — GitHub
Built a backend REST API using Node.js and Express with modular controller service architecture and secure authenticated endpoints. Implemented request validation, centralized error handling, and clean API contracts for maintainability. Optimized database interactions to improve scalability and overall performance.

YourCart – E-commerce Platform — GitHub
Built a full-stack e-commerce application with product search, cart management, order flow, and Razorpay payment integration.

Task Tracker System — GitHub
Developed a Kanban-style task management system with backend-driven task state management and role-based workflows.