

# Ayush Verma

**Software Developer | React.js, AdonisJs, Full Stack Developer**

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**Online Resume:** [https://bit.ly/ayush\\_verma\\_resume](https://bit.ly/ayush_verma_resume)

**Location Preference:** Open to opportunities **across India** (including Bengaluru, NCR, Hyderabad, Pune, Mumbai, Maharashtra) or **Remote**

Full-stack developer with 1+ year of hands-on experience in React.js, Redux, Tailwind CSS, and AdonisJs. Passionate about building scalable web applications, integrating REST APIs, and solving complex problems with clean, maintainable code.

## Education

**MCA** – Manipal University Jaipur (2023–2025) CGPA: 8.23

**B.Sc.** – D.B.S. College (HNBGU) (2019–2022)

## Certifications

- **O-Level (NIELIT)** – C, C++, IT Tools, Web Design
- **CodeYogi Training (6 months)** – React.js, Redux, Tailwind, REST APIs

## Experience

**Software Engineer Intern – Devslane (Apr–Oct 2023)**

- Developed and deployed responsive UIs in React.js & Next.js, improving load speed and user engagement.
- Integrated REST APIs with Redux Saga, improving state management.
- Designed PostgreSQL schemas and optimized queries for scalability.

## Projects

**EasyKart – E-commerce Web App | \*\*React.js, Redux Toolkit, Tailwind CSS\*\***

 [Live Demo](#) |  [GitHub Frontend](#) |  [GitHub Backend](#)

- Built a complete e-commerce application with authentication, product catalog, shopping cart, and order flow.

- Designed a responsive UI with React.js & Tailwind CSS for seamless cross-device experience.
- Implemented centralized global state using Redux Toolkit for cart, session, and product management.
- Developed a secure backend in AdonisJs with controllers, services, middleware, and modular architecture.
- Designed PostgreSQL (Neon) schemas for users, products, and orders; optimized queries and migrations.
- Implemented JWT auth (access + refresh tokens) and integrated Gmail API for verification codes.
- Fetched live product data from DummyJSON API to simulate real-world catalog behavior.
- Integrated Stripe Payment Gateway to securely process customer orders, handle payment intents, and ensure smooth checkout experience.

### **Online Learning Platform – Full-Stack E-Learning System | \*\*React.js, Redux Toolkit, Tailwind CSS, Supabase, Express.js, Stripe\*\***

 [Live Demo](#) |  [GitHub](#)

- Built a full e-learning system with role-based access for students, instructors, and admins.
- Developed a responsive UI with React.js, Tailwind CSS, and Redux Toolkit for state and UX flow.
- Implemented a Node.js backend with Supabase for authentication, RLS policies, and database operations.
- Added course creation, video uploads, quizzes, progress tracking, and premium subscription features.
- Integrated Stripe Checkout & Webhooks for subscription payments with automatic role upgrades.
- Created an admin dashboard with user insights, revenue analytics, course metrics, and leaderboard data.
- Designed scalable PostgreSQL schemas for courses, lessons, quizzes, payments, and progress.
- Ensured security with JWT auth, protected routes, and Supabase Row-Level Security.

### **Knowledge Vault – AI-Powered Document Search System | \*\*React.js, Redux Toolkit, Tailwind CSS, AdonisJs, Supabase, PostgreSQL Vector DB, TypeScript, AI Embeddings\*\***

 [Live Demo](#) |  [GitHub](#)

- Built an AI-driven document management system that allows users to upload files and perform semantic search across extracted content.
- Developed a clean, responsive React UI with Redux Toolkit for managing file uploads, search state, and result workflows.
- Implemented secure file storage and retrieval using Supabase Storage with structured foldering and upsert support.
- Designed and integrated a backend pipeline with AdonisJs to extract text from TXT, DOCX, images (OCR), and other document formats.
- Implemented AI embeddings using Transformers (all-MiniLM-L6-v2) and stored vectors in Supabase PostgreSQL for similarity search.
- Built robust API endpoints for text extraction, embedding generation, and vector-based querying for high-accuracy search results.
- Resolved complex issues such as vector dimension mismatches, file parsing failures, and OCR fallback for non-selectable text files.
- Ensured a scalable architecture with modular services for upload, extraction, embedding, and search workflows.

## Technical Skills

- **Languages:** JavaScript, TypeScript, C, C++, Java
- **Frontend:** React.js, Next.js, Redux, Redux Toolkit, Redux Saga, Tailwind CSS, HTML, CSS
- **Backend:** Node.js, AdonisJs, REST APIs
- **Databases:** PostgreSQL (pgAdmin)
- **Tools & Platforms:** Git, GitLab, GitHub, Figma, VS Code
- **Concepts:** OOP, DSA, Web Development Fundamentals