

# Anmol Gupta

## Full stack developer

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### Summary

**Result-oriented full stack developer with hands-on experience building scalable web applications using MERN stack, Next.js, and PostgreSQL.** Self-taught developer who successfully transitioned from 3.5 years of business operations to software development. Skilled in implementing secure authentication systems, role-based access control, and deploying production applications on AWS. Quick learner with entrepreneurial mindset and proven ability to deliver end-to-end solutions from concept to deployment.

### Technical Skills

**Frontend:** React.js, TanstackQuery, Redux, Next.js, HTML/CSS, Tailwind CSS, shadcn/ui

**Backend:** Node.js, Express.js, MongoDB, PostgreSQL, Prisma ORM, Mongoose ORM

**Tools:** Git, VS Code, Amazon EC2, Cloudinary, Vercel, RESTful APIs

**Core concepts:** Authentication & Authorization | RBAC | CRUD Operations | State Management | API Integration

**Portfolio Page:** <https://anmolgupta-two.vercel.app/>

### Professional Experience

#### Full stack developer (Self projects)

**Independent Development | June 2025-Present | Delhi, India**

#### Ecommerce MultiSeller Platform MVP

- Architected complete full-stack application with three separate frontend interfaces (Admin, Supplier, Customer) serving different user roles with tailored functionality
- Implemented robust role-based access control (RBAC) system with JWT authentication using dual-token strategy (access + refresh tokens) stored securely in localStorage and HTTP-only cookies
- Designed hybrid database architecture using MongoDB with Mongoose for product/supplier data and PostgreSQL with Prisma for customer/cart/order management
- Integrated Cloudinary API for scalable media storage and optimized image delivery
- Deployed backend on AWS EC2, configured Nginx reverse proxy, and migrated to HTTPS using Certbot for SSL certificate management
- Built email-based account activation system for secure onboarding of suppliers and staff members
- Utilized MongoDB advanced features including pagination, population, and virtuals for optimized query performance
- Used NextJS full stack framework for customer side transactions
- Links:- <https://codex-swart-sigma.vercel.app/>

#### Todo Application with Authentication

- Developed secure task management application
- Created full-stack todo app with JWT-based authentication implementing access and refresh token mechanism for enhanced security
- Built protected routes ensuring only authenticated users can perform CRUD operations on todos
- Implemented React Context API for efficient global state management across application
- Designed responsive mobile-first UI using Tailwind CSS with seamless user experience
- Links:- <https://todo-v2-frontend.vercel.app/>

**Anmol's Kitchen | Self-owned | June 2024 - March 2025 | Nepalgunj, Nepal**

**Vritika Enterprises Pvt Ltd | Wholesale Distributions | October 2023 - March 2025 | Nepalgunj, Nepal**

**Success Store | Wholesale Distributions | February 2021- July 2024 | Nepal**

### Education

**Indira Gandhi National Open University**

Bachelor of Computer Applications

**June 2025 - Dec 2028**