

# KUNDAN KUMAR

Full Stack Web Developer — MERN Stack & Next.js  
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**GitHub:** <https://github.com/Kundank8789>  
**Portfolio:** <https://job-portfolio-dusky.vercel.app>

## PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience building scalable, production-ready web applications using the MERN stack and Next.js. Strong expertise in REST API development, MongoDB schema design, authentication workflows, and cloud deployment. Focused on performance optimization, secure backend engineering, and clean, maintainable code with modern development practices and CI-based workflows.

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Redux, Tailwind CSS, Responsive UI

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Session Handling, API Architecture

**Database & ORM:** MongoDB, Mongoose, Prisma ORM, Schema Design, Query Optimization

**Tools & DevOps:** Git, GitHub, Vercel, Postman, CI/CD Pipelines, Environment Configuration

**Programming:** JavaScript, TypeScript

**CS Fundamentals:** OOP, Data Structures & Algorithms, Operating Systems, Computer Networks

## PROJECTS

### Grocery Delivery Platform — Full-Stack Quick-Commerce (Next.js + MERN)

**Live Demo:** <https://grocery-app-folder-next-js.vercel.app>

**GitHub Repo:** [https://github.com/Kundank8789/grocery\\_App-nextjs](https://github.com/Kundank8789/grocery_App-nextjs)

- Production-ready grocery platform with cart flow, order lifecycle & delivery workflow
- REST APIs with JWT auth & RBAC to secure admin/user operations
- MongoDB indexing & query optimization reducing latency by ~40%
- Deployed on Vercel with CI-integrated builds (~2s load time)

### AI Fitness Tracker — Intelligent Workout Platform (MERN + AI + TensorFlow.js)

**Live Demo:** <https://ai-fitness-coach-liart.vercel.app>

**GitHub Repo:** <https://github.com/Kundank8789/AI-fitness-coach>

- AI-powered pose recognition & exercise form feedback using MediaPipe
- JWT authentication, secure sessions & protected route workflows
- Browser inference optimized to ~30 FPS with ~92% accuracy

## CERTIFICATIONS

AWS Academy Cloud Foundation — AWS Academy

Hands-on Web Development with Hyperapp — Infosys Springboard

Getting Started with MongoDB Atlas — MongoDB University

## EDUCATION

### Bachelor of Technology — Computer Science Engineering

Chandigarh Group of Colleges, Landran (Mohali)

CGPA: 7.83 / 10 (up to 6th Semester) | Expected Graduation: 2026

## ADDITIONAL DETAILS

GitHub: 35+ commits across multiple deployed projects | Active open-source learner

Interests: Full-Stack Development, AI Integration, Performance Optimization