Deepanshu Gupta

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PROFESSIONAL SUMMARIES

Computer Science engineer specializing in scalable web applications and AI-powered solutions, with hands-on experience across the product lifecycle. Proficient in React, Next.js, and backend frameworks, delivering projects that improved user efficiency, responsiveness, and system performance. Adept at collaborating in Agile teams, solving integration challenges, and driving measurable impact through clean, maintainable code.

EXPERIENCE

Web Design & Development Intern   Jul '24 — Aug '24
Internship Studio (Remote)
- Built and optimized responsive UI components and database-driven modules using React, JavaScript, and SQL.
- Improved code modularity, reducing complexity and cutting development time by ~15%.
- Collaborated in Agile sprints, delivering production-ready features within deadlines.

EDUCATION

B. Tech in Computer Science, Alliance University   Bengaluru, India
- Data Structures, Algorithms, Operating Systems, Computer Networks, Software Engineering

CERTIFICATIONS

Generative AI, Microsoft + UpGrad   Jul '25
Frontend Developer, Meta   Jun '24
AWS Cloud Practioner, AWS   Aug '25

PROJECTS

AI-Powered Career Coach
- Developed an AI-driven assistant integrating REST APIs to deliver real-time job insights.
- Enhanced engagement with personalized recommendations; improved job search efficiency by ~25%.

AI Finance Platform
- Built a finance assistant that automated workflows and notifications.
- Designed mobile-first responsive UI; boosted accessibility across devices.
- Adopted modular architecture, reducing bug frequency by ~20%.

House Price Predictor
- Built a predictive model using Python (scikit-learn) for housing price estimation.
- Applied data preprocessing, feature engineering, and regression algorithms, achieving >90% accuracy.

SKILLS

Programming Languages :   Java, JavaScript, Python, SQL
Frontend Tech :   React.js, Next.js, Tailwind CSS, Bootstrap, JQuery, React Native
Backend & Databases :   Node.js, Prisma, MySQL, PostgreSQL
Tools & Practices :   Git/GitHub, Agile/Scrum, API Integration, SDLC, Webpack, Babel
Core Strengths :   Problem-solving, Communications
Languages   English

VOLUNTEERING

Volunteer, At IBM recruitment Drive

PUBLICATIONS

Navigating the Interplay of Privacy, Security, and Ethics in Social Media
IEEE
Proposed ML-based solutions for privacy protection, ethical data use, and improved security.