DEEPANSHU GUPTA

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PROFILE

Frontend Developer skilled in HTML5, CSS3, JavaScript, and React.js, with backend experience in Python and REST API integration. Proven ability to deliver scalable, high-performance web applications in Agile environments. Combines clean code discipline with a collaborative, problem-solving approach to build user-centric solutions.

TECHNICAL SKILLS

Languages & Frameworks: Python, HTML, CSS, JavaScript, React.js, jQuery, Next.js, Node.js
Concepts: SDLC, OOP, Data Structures, Algorithms
Tools & Technologies: REST API, Git, Github, Vercel

EXPERIENCE

Internship Studio   **Remote**
Web Design and Development Intern   *Jul 2024 - Aug 2024*
- Developed responsive **UI components** using React.js, JavaScript (ES6), HTML, CSS, and SQL.
- Collaborated with **cross-functional teams** in **Agile sprints**, contributing to feature development and Git-based **version control**.
- Conducted integration **testing**, **debugging**, and performance monitoring to improve reliability and scalability.
- Delivered **production-ready** features that improved load time by approx. **20%** and reduced **debugging** effort by **15%**.

PROJECTS

Code Complexity Visualizer | *React, JavaScript, Tailwind CSS, Python, FastAPI* | Link   **Dec 2024 – Jan 2025**
- Built a **real-time code analysis tool** with a **React.js frontend** integrated with **Python FastAPI REST APIs**.
- Implemented **AI-driven algorithmic profiling** using **Groq AI (LLaMA 3.1)** for sub-second complexity analysis.
- Designed a **responsive UI** with **cross-device compatibility**, enabling instant **code optimization workflows**.

Multi-Language Code Analysis Engine | *React, TypeScript, Zustand, OpenAI GPT-4* | Link   **Oct – Nov 2024**
- Architected a SaaS platform using React, TypeScript, and Zustand, integrating OpenAI for real-time code insights.
- Developed a **static analysis engine** with **Monaco Editor**, enabling syntax highlighting and live error detection.
- Implemented a **CI/CD pipeline** using **GitHub Actions** for **automated testing and deployment**.

Personal Finance Platform | *React.js, Node.js, PostgreSQL, REST APIs* | Link   **Jul – Sept 2024**
- Built a full-stack finance dashboard using React.js, a Node.js backend, PostgreSQL, and **RESTful API architecture**.
- Integrated **third-party APIs** using **asynchronous JavaScript**, delivering real-time financial data with smooth UI.
- Implemented a **responsive design** using **CSS3 Flexbox/Grid**, ensuring a consistent **cross-device UX**.

EDUCATION

Alliance University   **Bangalore,Karnataka, India**
Bachelor of Technology in Computer Science and Engineering   *2020 – 2024*
- Relevant coursework in Data Structures, Algorithms, Software Engineering, Web Technologies

CERTIFICATIONS

- **AWS Cloud Practitioner -** (Link)   **Aug'25**
- **Frontend Developer** By Meta (Link)   **Jun'24**

INTERESTS

- Problem-solving through algorithms and logical thinking.
- Learning new programming languages, frameworks, and development tools.
- Creative Thinking, Writing clean, efficient, and maintainable code.

ACHIEVEMENTS

- Authored an IEEE paper on an ML-driven approach to privacy, ethical data handling, and security in the social media ecosystem.
- Supported coordination and candidate flow for 300+ applicants at the IBM Recruitment Drive.
- Academic Achievement : Qualified JEE Mains with 94.6 percentile (Top 5.4% nationally)