Umesh Kumar

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Education

B.Tech in Computer Science *Aug 2023 – Aug 2027*
Graphic Era Hill University 8.00 CGPA

Projects

SAAS Landing Page *github*
- Engineered a responsive SAAS landing page optimized for SEO and cross-browser compatibility, enhancing online visibility.
- Designed modular UI components with Tailwind CSS, reducing styling time by 30% and improving code maintainability.
- Implemented lazy loading and dynamic content rendering with React.js, cutting page load times by 25%.
- Tools Used: React.js, Tailwind CSS, JavaScript

FlexiFrame *github*
- Developed a lightweight CSS framework from scratch for a hackathon, featuring a responsive 12-column grid, utility classes, and reusable components (buttons, cards, navbar).
- Built a live demo website showcasing hagy framework's features, integrating responsive layouts and a dark mode toggle with CSS and JavaScript.
- Ensured cross-device compatibility and documented usage, enhancing developer accessibility.
- Tools Used: HTML, CSS, JavaScript

API Craft *github*
- Developed a full-stack API testing platform with a React.js frontend and Node.js backend, enabling users to send HTTP requests and view responses.
- Built a backend to store and manage all user requests, implementing request history with secure token-based authentication.
- Implemented dynamic request configuration for headers, query parameters, and authentication (Bearer, Basic), enhancing API testing flexibility.
- Integrated real-time response rendering with JSON stringification and error boundaries, reducing UI crashes by 100%.
- Tools Used: React.js, Node.js, JavaScript, Tailwind CSS

Skills

Front-End: HTML, CSS, React.js, Next.js, Tailwind CSS, Framer Motion

Languages: JavaScript, TypeScript, C/C++

Back-End: Node.js, Express.js, WebSockets

Databases: MongoDB, PostgreSQL, Prisma

Tools: Git

Achievements

- Earned all 4 badges in Hacktoberfest 2024 for significant contributions to open-source projects on GitHub.
- Qualified for semifinals in the BuILDForGehu25 Hackathon, demonstrating innovative problem-solving skills.
- Ranked in the top 10
- Completed a Coursera course on Advanced React.js, earning a verified certificate for frontend development proficiency.