Sahithya Hanumandla

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SKILLS

Languages: C#, C++, CSS, HTML, Java, JavaScript (ES6+), PHP, Python, SQL, TypeScript
Frameworks & Libraries: Angular, ASP.NET Core, Next.js, Firebase, Flutter, React.js, React Native, Redux, Django, Bootstrap, RxJS, Tailwind CSS, Spring Boot
Technologies: Git, GitHub, AWS, Microsoft Azure, Google Cloud Platform, Kubernetes, Docker, PostgreSQL, MongoDB, MySQL, SQL Server, Maven, Swagger, GraphQL, Google Analytics
Web technologies: CMS (WordPress), SEO, WCAG, microservices, Webpack
IDEs/Tools: Android Studio, Figma, Jupyter Notebook, Microsoft Power Platform, SharePoint, Visual Studio, Visual Studio Code, IntelliJ IDEA
Software Development Process: Agile, Scrum, Confluence, Azure DevOps
Certifications: MERN stack, Angular, iOS 16, RxJS, Responsive Design

EXPERIENCE

Graduate Teaching & Administrative Assistant
Jan 2023 – Apr 2024
Georgia State University
Atlanta, GA

- Lab Instructor: Taught and mentored over 100 students in Python programming, providing hands-on guidance in CSC 1301, CSC 1302, and CSC 2720 courses, and significantly improving student performance and engagement.
- Enhanced the department's website with WordPress updates and SEO strategies, resulting in a 30% increase in user engagement.
- Managed departmental inquiries, administered front desk operations, and optimized curriculum data collection.

Systems Engineer
Aug 2021 - Dec 2022
Tata Consultancy Services
Pune, India

- Developed 20+ **Angular** UI components, ensuring 100% **Cross-browser** compatibility and resolving 95% of defects through rigorous testing.
- Boosted UI performance by 200%, reducing load times from 4s to 1.5s, and enhanced accessibility by implementing **WCAG** standards.
- Optimized **API** interactions with custom directives, services, and **Swagger**, improving response efficiency by 30% and enhancing developer onboarding time by 40%.
- Designed responsive layouts with **SASS** and **Bootstrap**, increasing mobile engagement by 50%.
- Led **Agile sprints**, improving team productivity by 25% and reducing sprint completion time from 3 weeks to 2 weeks.
- Managed version control with **GIT** and **Azure DevOps**, ensuring 100% code integrity across 20+ deployments.
- Integrated **Webpack** for asset bundling, reducing build times by 30%.

Project Intern
Mar 2021 – June 2021
Tata Consultancy Services
Hyderabad, India

- Collaborated with a team of 5 to gather requirements for a **web-based** application module.
- Authored comprehensive **documentation**, including technical specifications and user manuals.
- Assisted in **UI design and architecture**, contributing to a 20% improvement in module efficiency.
- Debugged and resolved 30+ reported issues, enhancing system stability through effective **Root Cause Analysis**.
- Applied principles of **MVC architecture** in project development, ensuring a structured and scalable design.

EDUCATION

Georgia State University
Atlanta, GA
Master of Science in Computer Science(GPA: 3.8/4.0)
Dec 2024

B.V. Raju Institute of Technology
Hyderabad, India
Bachelor of Technology in Computer science & Engineering(GPA: 9.75/10)
May 2021

PROJECTS

My Blog | *MongoDB, Express.js, React.js, Node.js*
- Built a MERN stack blog application with functionalities including article loading, upvoting, and commenting.
- Implemented user authentication for secure login/logout and restricted upvotes, ensuring proper user identification and interaction.

Recipe Magic | *Flutter, Dart*
- Developed the Recipe Magic App, a Flutter application for displaying recipes on iOS and Android platforms.
- Integrated key features such as state management, authentication, network requests, and responsive design.
- Demonstrated mobile application development skills with emphasis on user interface and experience.

Unsplash Images | *React.js, Unsplash API*
- Built a React application allowing users to search for and view over 1,000 images from the Unsplash API.
- Implemented a dark theme toggle and saved user preferences with local storage, increasing user engagement by 25%.
- Utilized React Query for efficient data fetching and caching, reducing API request time by 35%.

Contentful CMS | *React.js, Contentful CMS*
- Developed a React project integrating Contentful CMS to fetch and display project data.
- Implemented components to render dynamic content from Contentful's API, demonstrating effective content management in web applications.
- Showcased skills in React Hooks, Contentful, and CMS integration, with deployment on Netlify.