Sahithya Hanumandla

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EDUCATION

Georgia State University **Atlanta, Georgia**
Master of Science, Computer Science, **CGPA: 3.8/4.0** Jan 2023
B.V. Raju Institute of Technology **Telangana, India**
Bachelor of Technology, Computer Science and Engineering, **CGPA: 9.74/10** Aug 2017 - May 2021

PROFESSIONAL EXPERIENCE

Georgia State University **Atlanta, Georgia**
Graduate Assistant *Jan 2023 – Apr 2024*

Lab Instructor: CSC 1301 & CSC 1302: Principles of Computer Science II, CSC 2720: Data Structures
- Instructed and graded over 100 students in Python, enhancing student performance through interpersonal skills.

Administrative Assistant: Criminal Justice and Criminology Department (Summer 2023)
- Managed the department's front desk, serving as the primary point of contact for over 200 inquiries.
- Enhanced department website performance through WordPress updates, resulting in a 30% increase in user engagement.
- Partnered with Department Chair, collecting curriculum data from over 100 universities to improve departmental offerings.

Tata Consultancy Services **Pune, India**
Systems Engineer *Aug 2021 – Dec 2022*
- Developed 20+ reusable frontend Angular UI components, ensuring cross-browser compatibility and resolving defects through rigorous unit and integration testing.
- Improved UI rendering speed by 200%, enhancing user experience and reducing load times.
- Optimized interactions with RESTful API services using custom directives, decorators, and services.
- Enhanced asynchronous data handling efficiency by 40% with RXJS Observables for HTTP requests, reducing system latency.
- Designed responsive layouts with SASS and Bootstrap, boosting mobile compatibility and user engagement by 50%.
- Led Agile development sprints, conducting weekly meetings to track progress and increase team productivity by 25% through cross-functional teamwork.
- Managed version control with GIT and Azure DevOps for code integrity across 20+ deployments, leveraging NPM scripts for streamlined build, test, and deployment processes in a backend Node.js environment.

Tata Consultancy Services **Remote, India**
Project Intern *Mar 2021 – Jun 2022*
- 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.

TECHNICAL SKILLS

Languages: C#, C++, CSS, HTML, Java, JavaScript, PHP, Python, SQL, TypeScript
Databases: MongoDB, MySQL, SQL Server
Web/Mobile Dev: Angular, ASP.NET, Express.js, Firebase, Flutter, Google Analytics, Node.js, React.js, React Native, Swift
Version Control: Git, GitHub
IDEs/Tools: Android Studio, Figma, Splunk, Microsoft Power Platform, SharePoint, Visual Studio, Visual Studio Code
Cloud Platforms: AWS, Microsoft Azure, Google Cloud Platform, Kubernetes
Software Development Process: AGILE, Azure DevOps

PROJECTS

My Blog | MongoDB, Express.js, React.js, Node.js, Axios [Code↗](#)
- Created a MERN stack blog with key features like article loading, display, and upvoting, along with a comment system.
- Deployed robust user authentication protocols, slashing unauthorized access attempts by 90%.

TriNethra | React.js, Flutter, Firebase, Dialogflow, APIs. [Code↗](#)
- TriNethra is a comprehensive and intelligent virtual assistant, helps to make users' cyber life more secure and safe and it's mainly useful for reporting crime online.
- Trained the Chatbot on Dialogflow, increasing interaction accuracy by 85%.

ACCOMPLISHMENTS

- Finalist in national-level hackathons: Smart India Hackathon and Anveshana Science Fair.
- Certified in MERN stack, Angular, iOS 16, RxJS, and Responsive Design.
- Organized 5+ technical events in Promethean technical fest, engaging over 300 participants.