Suprith Reddy Govind
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EDUCATION

Master's in Computer science (3.67 GPA)   **University of Colorado Denver**   **August 2022 - May 2024**

SKILLS & ABILITIES

Programming languages and Web technologies: JavaScript, Html, CSS, React JS, Node.js, Python, Java, J2EE
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Concepts: Web Development, Agile, Scrum, Object Oriented Programming, Software engineering, Data Structures and Algorithms
Tools, Frameworks and other: SSMS (SQL), STS, Unity, VSCode, Jira, Bitbucket, GitHub, GitLab, GCP.

WORK EXPERIENCE

Student Assistant, **University of Colorado Denver (Denver, CO)**   **January 2023 – Present**
- Accelerated student success by delivering technical assistance in software applications and proficiently configuring development environments like Google Collab and Jupyter and building cloud repositories for the department and facilitating seamless importation of large datasets, and troubleshooting complex issues, resulting in optimized learning environments and increased efficiency.
- Engaged in cross-functional teamwork to design, develop and execute projects efficiently by analyzing project timelines, progress, and objectives using tools such as GitLab and Jira.
- Translated product requirements into efficient code by focusing on enhancing and upholding the user experience by developing prototypes and ensure alignment with project specifications and deadlines by maintaining quality standards.

Software Engineer, **DARWINBOX (Hyderabad, India)**   **April 2022 – July 2022**
- Served as a Full Stack developer within a dynamic team of 5 professionals delivering end-to-end solutions to over 10 clients and addressing client workspace UI challenges and fetching data from designated API endpoints.
- Played a key role in providing production support, making root cause analysis, identifying, and resolving bugs, issues while focusing on code optimization of Web Applications and gained experience in using cloud-based services such as AWS.
- Performed key role in developing 20+ versatile technical applications using React.js, Html5, Tailwind CSS, jQuery, and REST APIs.
- Demonstrated proficiency in building 100% reusable code and participated in product releases and code reviews with Senior developers and Team lead and acquired valuable experience utilizing version control software Bitbucket.

Associate Software Engineer, **SHL (Gurgaon, India)**   **July 2021 – April 2022**
- Coordinated seamlessly with the team and product owner to adhere to agile methodologies in software development lifecycle, encompassing requirement analysis, design, coding, deployment, and testing with jest, Junit and Mockito.
- Involved in implementing essential coding processes to seamlessly integrate backend APIs and services into the existing web apps.
- Partnered with Java developers to debug Java backend code and rectify production issues within the Spring Boot framework.
- Successfully tackled bugs and improved front-end performance, resulting in a 20% decrease in website errors and boosting website stability.

Web Developer Intern, **Arthashastra Intelligence (Hyderabad, India)**   **March 2020 – May 2021**
- Collaborated with 6 other team members and 4 stakeholders to develop 15 new features by converting web designs and UX designs from Adobe XD, Axure, and Figma and wireframes to responsive user interface.
- Accelerated the application deployment speed by 40% using Docker for app containerization.
- Created and optimized over 50 reusable components, modules, and libraries to ensure superior user satisfaction.
- Transformed the Legacy codebase to React SPA resulting in a 40% increase in the website performance.

PROJECTS

College Chatbot using Python and Dialogflow
- Developed a college Chatbot using Python and Flask by web scraping college website data, storing it efficiently in the Firebase database as a Cloud service database and used Google's Dialogflow for programming multiple intents and entities.

Traffic Violation detection (Open-Source Project)
- Contributed to the development of a Traffic Violation Dashboard by developing an automated system for identifying 2-wheeler riders without helmets using Computer Vision using Python for server-side implementation and JavaScript for dashboard development.

CERTIFICATIONS & PUBLICATIONS

- Successfully completed the **Microsoft MTA Cloud Fundamentals** Certification to be recognized as a Microsoft Technology Associate for Microsoft Azure cloud Fundamentals in 2019.
- Published a research paper on Abstractive Text Summarization using T5 Architecture in Proceedings of Second International Conference on Advances in Computer Engineering and Communication Systems, ICACECS – 2021 in collab with CSI and Springer.