Geetha Manogna Goddu

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Professional Experience

HSBC — Software Engineer (Full-Stack) — Hyderabad, India   **Aug 2022 - Aug 2023**

- Spearheaded the development and implementation of advanced HTML, CSS, and JavaScript techniques tailored for a workforce management web application, resulting in a substantial 40% decrease in bounce rate and a noteworthy 25% increase in average session duration.

- Implemented AJAX for expedited data retrieval within the workforce management system, achieving a remarkable 60% improvement in page load time and an impressive 66.7% reduction in data retrieval time.

- Elevated data storage efficiency by 30% specifically for the workforce management application, strategically leveraging PostgreSQL and MongoDB to optimize data handling processes.

- Streamlined deployment processes for the company's workforce management platform, reducing deployment time by an impressive 40% through the integration of Git, Jenkins, and Docker.

- Ensured smooth integration of third-party APIs, enriching application functionality and enhancing user interactions.

- Orchestrated the migration of the workforce management web application to a responsive design, enhancing user accessibility across various devices and screen sizes, resulting in a positive feedback from end users.

The SmartBridge — ML Intern — Hyderabad, India   **Jun 2020 - Jul 2020**

- Executed the "Sentiment Analysis of Twitter Data" project, achieving a notable 25% enhancement in sentiment prediction accuracy.

- Implemented customized NLP techniques, like sentiment lexicons and semantic analysis, leading to a 15% boost in sentiment prediction accuracy by capturing nuanced expressions in tweets. (Artificial Intelligence)

Education

Masters in Computer Science — University Of South Florida, Tampa   Aug 2023 - May 2025
Bachelor's in Computer Science — KL University, Hyderabad, India   May 2018 - May 2022
(GPA: 3.9 out of 4)

Skills and Certifications

- **Programming Languages:** Java, Python, C++, R, TypeScript, JavaScript, SAS, C, GoLang

- **Web Development:** HTML5, CSS, JavaScript, React.js, Node.js, Express.js, RESTful APIs

- **Frameworks:** Spring, Spring Boot, React, Angular

- **Version Control/ DevOps:** GIT, Jenkins, Docker

- **Cloud Platforms:** AWS, OCI

- **Softwares:** SAS, Tableau, PowerBI, Jira, Figma, Android Studio, Microsoft Powerpoint, Excel, Word

- **Databases:** Microsoft SQL Server, MySQL, Oracle, Postgres, MongoDB

- **Microsoft Certified:** Azure Fundamentals

- **PEGA Certified System Architect, PEGA Certified Senior System Architect —** PEGA Systems

- **NDG Linux Essentials —** Cisco

- **Cloud Architect —** Simplilearn

Academic Projects

Splitwiser

- Revitalized an Expense Tracking App, cutting processing time by 40% and surpassing Splitwise.

- Engineered with ReactJS for frontend and Java Spring Boot for backend, promoting seamless team collaboration

Sign Language detection using OpenCV

- Created a Sign Language detection system with OpenCV, boosting recognition accuracy by 30% for diverse signs.

- Advanced assistive technologies through innovative image processing for hand gesture analysis.

Tweet Based Bot detection

- Developed a Tweet-based Bot Detection system in Python, utilizing data analysis libraries and machine learning frameworks.

- Implemented cutting-edge techniques and methodologies to discern between authentic user tweets and automated bots on Twitter, contributing to a substantial 25% increase in overall accuracy.