SUSHMA KARRI

+1 (414) 553 1297 - ✉ karris@uwm.edu 🔗 linkedin.com/in/sushmakarri ⚙ github.com/Sushmareddy-12

PROFESSIONAL SUMMARY

Intrigued Computer Science graduate with two years of expertise in realm of software development. Proficient in software development life cycle, including development, debugging, and testing. Experience working with several concepts and languages comprising JavaScript, REST APIs, MySQL, MongoDB, and AWS. Capable of delivering great results in fast-paced environments and committed to continuous learning and improvement.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, HTML, CSS, C
Libraries and Tools: PyTorch, Sklearn, Pandas, Numpy, OpenCV, Git
Databases and Others: MySQL, PostgreSQL, MongoDB, SQL Server, Firebase, AWS, Azure, OS

WORK EXPERIENCE

Infosys   **October 2021– December 2022**
Front End Developer   *Client: MetLife*

- Integrated full-stack applications by seamlessly combining frontend technologies, notably React.js, with backend technologies in Node.js and Python to develop a portal for an insurance company.
- Developed a React application with single-page functionality, integrating 4 unique URLs for efficient navigation, established a backend connection using axios calls to ensure seamless data exchange and interaction.
- Implemented optimizations resulting 40% reduction in loading times for users, facilitating a smoother browsing experience with reduced wait times.
- Utilized 5 distinct schema models for MongoDB using a Node.js framework, integrating business logic controllers and Python scripts; improved data flow and increased system efficiency.

AMTZ Medivalley   **February 2021– August 2021**
Python Developer   *Client: Medivalley*

- Engineered Python-driven applications at AMTZ's Incubation Hub, optimizing manufacturing workflows and reducing project completion times by 30%, significantly contributing to the facility's overall productivity and success.
- Leveraged Python programming skills to build solutions for startups at AMTZ, demonstrating innovation by creating new products or improving existing ones for addressing real-world challenges.

PROJECTS

- **Credit Card Fraud Detection**: Built a model achieving 99.95% accuracy using Logistic Regression to identify fraudulent transactions. GitHub
- **Twitter Sentiment Analysis Using Neural Networks**: Created a deep learning model that classifies tweets as positive or negative based on training with 1.6 million tweets. Github
- **React Clone App**: Created a React application with Redux as state management and React Router to improve seamless navigation.Implemented middleware and memoization, increasing performance by 25% of application load time and reducing memory usage. GitHub

EDUCATION

University of Wisconsin Milwaukee   **January 2023– December 2024**
Master of Science in Computer Science   *Milwaukee, WI, USA*

Vignan's Institute of Information technology   **July 2017– July 2021**
Bachelor of Technology in Electronics and Communication Engineering   *Vishakapatnam, AP, India*

CERTIFICATIONS

- **Azure Fundamentals certified by Microsoft**
- **SQL Certification by HackerRank**

EXTRACIRCULAR ACTIVITIES

Google Developer Student Club   **January 2023– December 2024**
Member

- Engaged in multiple Google Developer Student Club activities, attending 10+ events that resulted in the creation of innovative projects and doubling proficiency in new programming languages.
- Networked with industry professionals and gained insights about cutting-edge technology.