Vishal Panchidi

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Address: 390 Clay Road, Clayton Apartments, Rochester 14623

EDUCATION

Master of Science: Computer Science, August 2022 - May 2024 (Expected)
Rochester Institute of Technology, **GPA: 3.76/4**
Relevant Coursework: Big Data Analytics, Distributed Systems, Artificial Intelligence, Machine Learning

Bachelor of Engineering: Information Technology, August 2015 – May 2019
Mumbai University, **GPA: 7.57/10**
Relevant Coursework: Computer Networks, Data Structures and Algorithms, Cloud Computing

FEATURED SKILLS

Technical Skills	Python, Java, JavaScript, TypeScript, Swift, HTML, CSS, C/C++
Frameworks	Node.js, Express, Angularjs, React.js, C-Sharp, PHP, Django, Android, Tableau
Other Skills	AWS, GCP, Unity, Jenkins, SQL, PostgreSQL, Linux, GitHub, MariaDB and MongoDB

EXPERIENCE

Full Stack Developer Intern, GCCIS Mar 2023 - Present
Tech Stack : *Angular 16, Maria DB, C-Sharp, PHP, JavaScript*

- Developed and deployed high-performance web portals tailored to the unique requirements of Golisano College of Computing, resulting in a 40 percent increase in user engagement and an average page load time of under 2 seconds. Integrated advanced functionalities, enabling efficient information dissemination and collaboration among diverse stakeholders.
- Implemented optimization techniques to enhance the performance and scalability of the web portals and inventory system, enabling efficient handling of increased user load and data growth. Implemented secure user authentication and authorization mechanisms to safeguard sensitive data.
- Successfully integrated diverse systems and APIs to ensure seamless data flow between web portals and legacy applications, overcoming compatibility and interoperability challenges and pioneered the design and development of an inventory management system that revolutionized equipment tracking and maintenance at RIT. Utilized MariaDB to establish a scalable database infrastructure capable of handling extensive data volumes.

Software Consultant, Morgan Stanley July 2021 - August 2022
Tech Stack : *Angular 12, Common UI, Node.js, Express.js*

- Successfully developed and troubleshot reusable Angular components utilizing Morgan Stanley's proprietary UI library, Common UI, resulting in a significant time-saving of over 10 hours per sprint.
- Proactively identified areas for improvement in existing programs as a Full Stack developer written in Typescript and executed modifications to the web application, Morgan Stanley Online.
- Executed the implementation of a secure authorization layer to the application, enhancing its functionality and protecting sensitive data and expertly developed changes in the UI to effectively pass JWT tokens for each API request, ensuring authorization and setting the user context with precision.
- Established a strong reputation for exceptional client service by effectively resolving customer complaints and consistently following through on problem resolution to ensure customer satisfaction; selected as the sole point of contact for resolving all UI issues faced by clients.

System Engineer, Tata Consultancy Services July 2019 - July 2021
Tech Stack : *React.js, Material UI, Swift, Snapkit, IOS app development*

- Contributed to the successful design of a comprehensive React interface as part of a team of 11, delivering the final product ahead of schedule and providing support to the team in implementing the back-end architecture using Node JS for REST API interaction.
- Demonstrated innovation by conceptualizing and creating an IOS application for user management, delivering a cutting-edge solution for a multinational company to effectively manage attendance and compliance for over 10 thousand on-field employees.
- Achieved exceptional results as the lead maintainer of a mobile application that scaled to 2 Million monthly users, receiving widespread recognition and praise from users. Provided thorough and user-friendly documentation to management for easy knowledge transfer to new team members.

PROJECTS

Data Science Salary Prediction *February 2023 - Present*

- Developed and implemented a system architecture to predict data scientist salaries by identifying key factors affecting compensation using Python and applying data science methodologies.
- Collected and preprocessed data from various sources, analyzed data using Pandas and NumPy to identify patterns and trends with selected relevant features.
- Built a machine learning model using scikit-learn, evaluated model performance using cross-validation, and deployed the final model for predicting data scientist salaries in the job market.