ANISHA JAVVAJI

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EDUCATION

University of Florida, Gainesville, FL   August 2022 – May 2024
Master of Science in Computer Science; **GPA: 3.7/4**
Courses: Analysis of Algorithms, Advanced-Data Structures, Machine Learning, Cloud Computing.

Jawaharlal Nehru Technological University Hyderabad, **India**   July 2018 – June 2022
Bachelor of Technology in Electronics and Communication Engineering; **GPA**: **3.55/4**
Courses: C, Data Structures, Python, Computer Networks, Renewable Energy Sources.

SKILLS

Front-End Development: HTML, CSS, JavaScript, TypeScript, React JS, Angular JS, Vue JS, AJAX, Bootstrap.
Back-End Development: Python, Java, Ruby, Flask, Django, Spring, Express.js, Node JS, RESTful APIs.
Frameworks & Databases: Spark, Tableau, MySQL, PostgreSQL, MongoDB, NoSQL, SAP.
Languages & Tools: C, C++, C#, Java, Go, R, Rust, Jira, Agile, Postman, Erlang, MATLAB.
Cloud & DevOps: Amazon AWS, Azure, Linux, Terraform, CI/CD, Git, Docker, Kubernetes, Kafka, Jenkins.
Certifications: Data Science for ALL from NIT Patna, Hashicorp certified Terraform Associate.

EXPERIENCE

Superstars | Web Developer Intern   January 2024 – May 2024
- Optimized the **Angular** codebase to combat a slow Admin portal, achieving a **25%** increase in responsiveness and user experience, thus streamlining the portal's efficiency for daily administrative operations.
- Managed the front-end development and started the design process in **Figma**, addressing performance bottlenecks and achieving a **30%** improvement in application performance through specific modifications.
- Reduced application loading times by **40%** by identifying and resolving performance bottlenecks, enhancing user experience and operational efficiency.

Cognizant Technology Services | Software Developer Intern   March 2022 – May 2022
- Refined client-focused applications with thorough requirement analysis, enhancing functionality and user experience, leading to a **30%** increase in client engagement and satisfaction.
- Managed the entire **software development cycle**, ensuring quick resolution of issues and enhancing the project delivery pace by **20%**. Additionally, I built team solidarity and advanced communication through the adoption of **Agile practices** and the use of **Git** for version control, leading to a **15%** improvement in code quality.
- Crafted in-depth documentation, detailing system architecture and **API protocols**, which increased project transparency and improved client comprehension, resulting in a **20%** uptick in project delivery success and stronger client relationships.

PROJECTS

NexMart | Next.js, React, Tailwind, MongoDB, Stripe   November 2023
• Developed a full-stack e-commerce platform featuring over **100** products with an intuitive search, horizontal scrolling, and Stripe integration for secure payments.
• Refined skills in front-end efficiency and back-end data management, improved responsive design and high-traffic performance by **35%**.

GatorGather | HTML, CSS, React.js, Node.js, MySQL   May 2023
• Created an event management web application customized for the University of Florida, automating the coordination and promotion of club events, and yielding a **40%** increase in student participation campus wide.
• Enhanced student participation by **30%** by adding 'Group Registration' and 'Club Subscription' features in the app, used JavaScript to enhance collaboration.

Stock Market Prediction using Deep Learning | LSTM, RNN, TensorFlow   January 2023
• Implemented a research project on Stock Price Prediction using Deep Learning models, specifically **Long-Short Term Memory** (**LSTM**) Neural Networks, to accurately forecast future stock values.
• Executed and refined the model by integrating **RNN** layers within TensorFlow, incorporating LSTM and Dense layers with scaling and flattening techniques, achieving high precision, and resolving complexities in the predictive model.

Cloud-Based Inventory Management System | Node.js, GraphQL, Docker, PostgreSQL   September 2022
• Engineered a Node.js and GraphQL-based cloud inventory system, improving product tracking and order fulfillment for a retail business and streamlined deployment and reduced costs by **40%** with Docker.
• Streamlined inventory control and reporting by upgrading to a PostgreSQL database, which fortified data security through advanced authentication, leading to a **50%** improvement in regulatory compliance.

PUBLICATIONS

"Segmentation of Brain MRI Images using Deep Learning," *2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC)*, Hyderabad, India, 2022, pp. 92-96, DOI: 10.1109/ICMACC54824.2022.10093604