

Vishnu Vardhan Vankayalapati

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🎓 EDUCATION

Masters in Computer Science, *University of North Carolina at Greensboro* Jan 2022 – Apr 2024

- **Related Coursework:** Software Engineering, Design & Analysis of Algorithms, Database Systems, Big Data & Machine Learning, Deep Learning, Data Science.

Bachelors in Computer Science, *Khammam Institute of Technology & Sciences* Aug 2017 – Sep 2021

- **Related Coursework:** Java Programming, Software System Design, Cloud Computing, Data Mining.

🔧 SKILLS

Languages: Java, Python, JavaScript.

Frameworks: Springboot, ReactJS, HTML, CSS, Tailwind CSS, Bootstrap, Git, Model-View-Controller(MVC).

Tools: GitHub, Postman, Power BI, Tableau, LaTeX Studio.

IDEs: Eclipse IDE, Visual Studio Code.

Databases: MS SQL, MySQL, Postgres.

Other Skills & Concepts: Data Structures & Algorithms, Core Java, Advance Java, Java Collections, Debugging and Troubleshooting, Object-Oriented Programming (OOP) Concepts, Agile Methodologies, Operating System.

💼 EXPERIENCE

Software Development Intern, *Giggi* Jul 2023 – Dec 2023

- Developed a Python-based web scraping tool to automate gig creation with Giggi templates, boosting efficiency by 30% and saving 25 hours of manual work weekly.
- Engineered a ReactJS-driven front-end for a data analysis tool, resulting in a 40% increase in user engagement and halving the user learning curve.
- Designed a responsive pricing guide interface using ReactJS, enhancing data visualization which led to a 20% improvement in pricing strategy development.
- Collaborated in a cross-functional team to deliver a scalable front-end architecture, improving application performance by 10% and responsiveness by 35%.

🧩 PERSONAL PROJECTS

Swiggy Clone:

- Developed a dynamic UI using configuration-based principles, focusing on user interaction and personalization.
- Seamlessly integrated Swiggy APIs to provide real-time updates on restaurant and menu data, complemented by a visually captivating Shimmer UI for enhanced user engagement.
- Introduced search and top-rated restaurant filter for seamless exploration. Implemented performance optimizations for a highly responsive and efficient application, boosting overall user satisfaction.

Weather - Location Web Application:

- Created a user-friendly application that automatically fetches and presents real-time weather data based on user location
- Integrated Geolocation API, achieving 90% accuracy in location detection, coupled with the Weather API to provide immediate weather condition insights.

Personal Portfolio Website:

- Crafted and executed a visually engaging personal portfolio website showcasing my skills, projects, and background.
- Implemented responsive design, using in HTML, Bootstrap, and JavaScript for an engaging user experience.

Library Management System:

- Developed a full-stack Library Management System to enhance library operations, including inventory management, member registration, and book lending processes.
- The frontend was built with ReactJS, offering a dynamic and user-friendly interface, while the backend was developed using Java (with Spring Boot) for robust server-side processing, and MySQL for database management.

🏆 CERTIFICATIONS

- Data Analysis
- Data Visualization
- Sports Analytics
- ReactJS