

Vishnu Vardhan Vankayalapati

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EDUCATION

Masters in Computer Science, University of North Carolina at Greensboro

Jan 2022 – May 2024

Bachelor in Computer Science, Khammam Institute of Technology & Science

Jul 2017 – Sep 2021

SKILLS

Languages: Java, Python, JavaScript.

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

Tools: GitHub, Postman, Docker, Kubernetes, LaTeX Studio.

IDEs: Eclipse IDE, Visual Studio Code.

Databases: MySQL, Postgres, Cassandra.

Other Skills & Concepts: Data Structures & Algorithms, Core Java, Advance Java, Java Collections, Debugging and Troubleshooting, Statistics, Object-Oriented Programming (OOPS) Concepts, Agile Methodologies, Operating System, Continuous Integration/Continuous Deployment (CI/CD).

EXPERIENCE

Software Development Intern, Giggi

Jul 2023 – Dec 2023

- Engineered 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.
- Developed 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: [Link](#)

- Built a user-friendly, configurable interface with Swiggy API integration and immersive Shimmer UI, boosting user interaction by 25%.
- Improved search, top-rated filter, and performance optimizations for a seamless and satisfying user experience.

Weather - Location Web Application: [Link](#)

- Created a user-friendly weather app that retrieves and displays 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.

Library Management System:

- Engineered a comprehensive Library Management System with a ReactJS frontend, Spring Boot backend, and MySQL database; streamlined operations, reducing manual entry time by 50% and enhancing user experience significantly.
- Enhanced library management through inventory, member registration, and automated book lending features.

RELATED COURSEWORK

- Java Programming, Software System Design, Cloud Computing, Software Engineering, Design & Analysis of Algorithm, Database System Management, Data Science, Machine Learning and Deep Learning.

ACHIEVEMENTS

- Directed team practices and enhanced strategic game plans which resulted in a 35% improvement in team cohesion and ultimately led to winning the tournament and achieving overall top ranking.
- Solved over 110+ LeetCode problems with a 71.59% acceptance rate, showcasing skills in efficiency optimization and data structures & algorithms knowledge.

CERTIFICATIONS

ReactJS, Introduction to the Programming using Python, Oracle SQL