

VYSHNAVI KARUMURU

Bloomington, IL – 61704 | (305) 427 1701 | vkaru001@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

EDUCATION

Florida International University, Miami, United States

Aug 2022 – Dec 2023

MS in Computer Science (CGPA – 3.63, Courses – DBMS, Principles of Cyber Security, Introduction to Algorithms)

MLR Institute of Technology, Hyderabad, India

July 2017 – June 2021

BTECH in Information Technology (CGPA – 3.30, Courses – Data Structures, Machine Learning, Java, Web Tech)

KEY SKILLS

Languages: Java, C#, Python, HTML5, CSS3, JavaScript, TypeScript

Frameworks/APIs: ReactJS, NextJS, NodeJS, REST API, GraphQL, OpenAI API

Databases/Cloud: MySQL, PostgreSQL, Azure, AWS, Linux, Docker

Tools & Version Control: GitHub, Visual Studio, Jest, Jira, pgAdmin, Jenkins

Machine Learning Techniques: Linear Discriminant Analysis, Random Forest, Logistic Regression, Scikit, Seaborn, Tesseract, Pandas

WORK EXPERIENCE

Suvarna TechnoSoft, Front-end Developer, Full Time

Jan 2020 – July 2022

- Implemented many upgrades for “HIMS” and “LIS” website’s UI with ReactJS and Node.js, aligning with the business requirements with enhancing the site’s responsiveness.
- Assisted in creating multiple dynamic widgets to improve the capture and display of doctor availability, reducing appointment booking approval time for customers by 40%.
- Achieved a 30% reduction in website load times through performance optimization techniques.
- Integrated the customer services chatbot functionality, resulting in a 15% increase in customer support.
- Monitored performance of the REST API and optimized it as required, led to 20% improvement in API speed and 30% decrease in API calls using Redis cache and managed databases using MySQL.
- Active code reviewer and managed many JIRA issues, reviewing the most changes on my team Quarter Over Quarter (QoQ) and focused on performance and cross platform browser and device support.

Suvarna TechnoSoft, Web Developer, Intern

July 2019 – Dec 2019

- Developed multiple proof-of-concepts (POCs) by building various login portals and Product UI builder screens for “HIMS” web applications using **HTML, CSS3, JavaScript, and React**.
- Implemented new UI features and components while resolving existing UI bugs before stage release.
- Initiated CI/CD pipelines using Jenkins and Github Actions to ensure efficient software deployment.

PERSONAL PROJECTS

Portfolio

- Built a Portfolio from scratch, which showcases my professional achievements, projects, skills, and certifications in visually appealing website using Next.js for server-side rendering and Tailwind CSS for UI Development.
- Implemented several features like achievement section, about section and experience section with tabs, and projects and certifications section with filtering capabilities and hosted by Vercel App.

Confusion Restaurant Stimulation

- Developed a desktop application for restaurant website stimulation using React and JavaScript features a single page application (SPA) with responsive design and created some necessary reusable components.
- Leveraging Redux, controlled forms, and Fetch for client-server communication using Rest API, integrating elements of the Flux architecture.

Codex

- Built a JavaScript AI chat application using OpenAI machine learning model and integrated Advanced GPT-3 model API for communication with the AI.
- Implemented the ability to ask the AI for help with programming languages and code translation with the technologies such as HTML, CSS, JavaScript, Node.js, and OpenAI APIs.

License Plate Recognition

- Developed a machine learning model using Python and Image Processing Technology (like, Tensor Flow, Keras, Tesseract) to retrieve the license number from the license plate.

CERTIFICATIONS

- **Coursera:** Front-End Web Development with React
- **Microsoft Certified:** Azure Fundamentals and Data Fundamentals
- **Udemy:** Python Certified