VYSHNAVI KARUMURU

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SUMMARY
With 3 years of effective contributions as a skilled frontend developer, I've implemented the web applications using JavaScript and ReactJS. I recently graduated master's in computer and information sciences in Florida International University obtaining skills for the industry requirements. I aspire to make valuable contributions by being updated with new technologies and approaches while utilizing my experience to take challenges and lay the foundation for a successful career.

KEY SKILLS
- **Programing Languages:** Java, Python; **Web Technologies:** HTML, CSS3, JavaScript
- **Frameworks:** ReactJS, NextJS; **API:** REST API; **Version control:** GitHub
- **Database Servers:** MySQL, PostgreSQL; **Cloud Technologies:** Azure, AWS
- **Machine Learning Techniques:** Linear Discriminant Analysis, Random Forest, Logistic Regression, Scikit, Seaborn, Tesseract
- **Soft Skills:** Leadership, Problem Solving, Teamwork, Collaboration, Time Management

WORK EXPERIENCE
Suvarna TechnoSoft, *Front-end Developer, Full Time*   **Jan 2020 – July 2022**
- Built end-to-end front-end websites for Outpatient Management in hospitals using **JavaScript and ReactJS.**
- Implemented various screens for front end using **React.js** for DOM manipulation and used various reusable components and functionalities from **React Hooks**, **NPM and Redux.**
- Assisted in creating multiple dynamic widgets to improve the capture and display of doctor availability, reducing appointment approval time for customers by 40%.
- Achieved a 30% reduction in website load times through performance optimization techniques.
- Implemented a floating chatbot interface for couple of hospitals for customer support.
- Developed **Azure Active Directory (AAD)** authentication and OAuth authorization for API security.
- Collaborated with BA, QA, and Dev team to conduct unit testing, ensuring high-quality and bug-free deliverables.

Suvarna TechnoSoft, *Web Developer, Intern*   **Jun 2019 – Dec 2019**
- Developed multiple proof-of-concepts (POCs) by building various login portals and Product UI builder screens for Outpatient Management's web applications using **HTML, CSS3, JavaScript, and React**.
- Implemented optimized git strategies to get rid of 90% merge conflicts and version release managements.
- Developed and implemented new UI features and components while resolving existing UI bugs before stage release.

EDUCATION
Florida International University, Miami, United States   **Aug 2022 – Dec 2023**
MS in Computer Science *(CGPA – 3.63, Courses – DBMS, Data Mining, and Introduction to Algorithms)*

MLR Institute of Technology, Hyderabad, India   **July 2017 – June 2021**
BTECH in Information Technology *(CGPA – 3.30, Courses – Machine Learning, Java, Web Technologies)*

PERSONAL PROJECTS
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 desktop application using Image Processing Technology and Python that is used in various security and traffic applications to identify vehicles by their license plates.
- Helps to extract license plates from vehicle images using Python, Tensor Flow, and Keras image processing methods, and retrieves the license number from the extracted license plate.

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