Ranjith Kumar Kanumilli

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WORK EXPERIENCE

TA Digital   **Feb 2021 – Jun 2022**
Associate Software Engineer   Hyderabad, India
- Transformed a static HTML and CSS website into a dynamic ReactJS and typescript application, resulting in a 40% improvement in page loading speed and enhanced interactivity.
- Utilized ReactJS to modularize components, facilitating code reusability and reducing development time by 30%.
- Integrated state management using Redux, enhancing data handling and providing a seamless user experience.
- Enhanced SEO by utilizing server-side rendering with React, improving search engine visibility and user engagement.
- Developed and maintained robust security measures, ensuring compliance with industry standards and protecting sensitive user data.
- Assisted in database design and implementation, optimizing data storage and retrieval, and contributing to overall system performance. Utilized various Node.js modules and libraries to optimize applications for maximum speed and scalability.
- Mentored and guided junior developers through the process of transitioning from traditional web development to modern framework-based solutions, ensuring their successful integration into project teams.

Vivoxa Market Analytics   **2019**
Web developer Intern   Hyderabad, India
- Assisted in the design and implementation of responsive and visually appealing website interfaces using HTML, CSS, and JavaScript and AngularJS.
- Collaborated with the development team to integrate data from various back-end services and databases.
- Conducted code reviews and participated in discussions to improve code quality, maintainability, performance.
- Resolved software bugs and issues, ensuring seamless functionality and optimal user experience.

PROJECTS

- MovieApp - Developed a web application using ReactJS to display movie information sourced from the TMDB API. Integrated Flask for backend functionalities and utilized Chart.js to visualize data for users.
- Data Visualization - Exploring the Impact of Inflation on Consumers and the Economy - Created and presented over 9 impactful visualizations, analyzing and portraying the effects of inflation on both consumers and the economy.
- COVID Dashboard - Engineered a dynamic COVID-19 dashboard utilizing Vue.js. Integrated real-time data to display statistics and trends related to the ongoing pandemic.
- Explored various machine learning algorithms using tools such as RapidMiner, Weka, and Azure ML. Developed a deeper understanding of machine learning models and their applications.

EDUCATION

UNIVERSITY OF SOUTH FLORIDA   **Aug 2022 - present**
Master of Science - Business Analytics and Information Systems – 3.91 GPA   Tampa, FL
Courses: Fall 2022 - Advanced Database Management, Analytical Methods for Business, System Analysis and Design, Data Mining. Spring 2023 - Distributed information systems, Information security & risk management, Data visualization, Advance system analysis & design

GITAM UNIVERSITY   **Jul 2020**
Bachelor of Technology - Computer science and engineering   Hyderabad, India
Courses: Discrete Mathematics, Computer Architecture, Data Structures, Analysis Of Algorithms, Operating Systems, Artificial Intelligence, Machine Learning, Automata Theory, Compiler Design, Networking, Software Engineering

SKILLS

- Languages: Python, Java, C++, JavaScript, R, SQL
- Front-end JS frameworks: AngularJS, ReactJS, VueJS
- Technologies : NodeJS, TensorFlow, PyTorch, Keras, Django, Flask, React Native, TypeScript, Express Js.
- Tools: SAS miner, Azure ML, MongoDB, MySQL, Firebase, MSQL, Tableau, Git, Excel, R studio, Docker, Graph QL