Ravi Teja Kambhampati

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EDUCATION

University of Missouri Kansas City Kansas City , Missouri, USA
Masters in Computer Science, CGPA - 3.6 *August 2023 - May 2025*

SKILLS

Languages: Python, Java, C, JavaScript, Object Oriented Programming,Data Structures.
Web Technologies: HTML5, CSS.
Frameworks & Libraries: ReactJS, Scikit-learn, Pandas, NumPy, Bootstrap, Tailwind,NextJS
Databases: SQL, MySQL, Snowflake.
Cloud Services: AWS.
Developer Tools: Linux, Unix, PowerShell, shell scripting, Microsoft Excel, Git.

EXPERIENCE

Software Engineer - Think and Learn Pvt Ltd (BYJU'S) (Bangalore, India) June 2021 - Nov 2022

• Worked as a Front-End Developer at Toppr(acquisition of BYJUS), utilizing ReactJS, Redux, and state management techniques to enhance the web application's UI and optimize data flow.

•Implemented Agile/SDLC methodologies, including feature development, integration testing with Jest/Enzyme, and CI/CD pipeline management through Jenkins.

•Worked on major overhaul of the web app, integrating React 18, Webpack 5, and Babel, reducing page load time by 30% and boosting app performance.

Software Engineer - Amdocs(Hyderabad,India) Nov 2022-June 2023

•Implemented **state management** using **Redux** for efficient data flow.Optimized website **performance** and SEO improving page load speed

•Integrated **RESTful APIs** to fetch and display dynamic content.Ensured **cross-browser compatibility** and **mobile responsiveness**.

•Worked in an **Agile environment**, participating in **sprint planning** and **code reviews**

PROJECTS

Uber Data Analysis | *Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn*
- Performed comprehensive data cleaning on the Uber trip dataset, handling missing values, outliers, and ensuring data consistency for accurate analysis.
- Conducted exploratory data analysis (EDA) using various visualizations such as histograms, box plots, scatter plots, and bar charts to identify key trends in trip patterns, mileage distribution, and trip purposes.
- Utilized statistical and visualization techniques to analyze trip data, uncovering insights into business vs. personal trip distribution and mileage patterns.

Real Time Threat Intelligence | *ReactJS, NodeJS, HTML, CSS, Javascript, MongoDB*
- Developed a comprehensive full stack application integrating various modules including Asset Management, Threat Intelligence, Vulnerability Risk Assessment, Incident Response, and Crisis Management.
- Implemented two factor authentication for login and Signup.

Project Management App | *React, Tailwind CSS, JavaScript*
- Developed a project management application using React to allow users to create and manage projects and tasks, track due dates, and manage workflow.
- Implemented task management features such as adding, viewing, and deleting tasks, enabling users to efficiently manage project-related activities.
- Built a fully responsive design using Tailwind CSS, ensuring optimal user experience on both desktop and mobile devices.
- Integrated real-time updates for task management, ensuring that project data reflects immediately when tasks are added or deleted.