

Ravi Teja Kambhampati

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EDUCATION

University of Missouri - Kansas City (UMKC)

Masters in Computer Science, CGPA - 3.6

Missouri, USA

August 2023 - May 2025

SRM University

Bachelors in Computer Science, , CGPA - 3.4

Andhra Pradesh, India

July 2018 - May 2022

SKILLS

Languages: Python, Java, C, JavaScript.

Web Technologies: HTML5, CSS.

Frameworks & Libraries: ReactJS, Scikit-learn, Pandas, NumPy, Bootstrap, Tailwind.

Databases: SQL, MySQL, Snowflake.

Cloud Services: AWS.

Developer Tools: Linux, Unix, PowerShell, shell scripting, Microsoft Excel, Git.

EXPERIENCE

Software Engineer - BYJUS

Dec 2021 - Nov 2022

Bangalore, India

- Worked as a Front-End Developer at Toppr, 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.
- Led a major overhaul of the web app, integrating React 18, Webpack 5, and Babel, reducing page load time by 30% and boosting app performance.
- Improved UI responsiveness with Tailwind CSS and Bootstrap 3, ensuring cross-device compatibility and increasing user engagement by 15%.
- Developed modular CSS utility components using internal libraries, optimizing styling efficiency and streamlining future development efforts.

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.