Mukilan Balasubramanian

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TECHNICAL SKILLS

Web Development:	JavaScript, TypeScript, NextJS, ReactJS, Redux, AngularJS, NodeJS, Express, HTML5, CSS, RESTful API, Mongo DB, Databricks, Snowflake
Tools:	Azure, JIRA, Mantis, Figma, Adobe XD
Repositories:	GitHub, BitBucket
Data Science:	Python, SQL, Data Cleaning, Data Mining, Data Wrangling, Data Analysis, Data Visualization, Machine Learning

WORK EXPERIENCE

Tredence Analytics Solutions, Bengaluru   Aug 2022 – Present
Associate Manager

- Led and managed the team for the Coca-Cola Europe project, delivering the WebApp.
- Developed and deployed full-stack solutions with exceptional performance, utilising cutting-edge stacks such as **Next.js, Snowflake**, and **Databricks**.
- Collaborated with cross-functional teams for seamless integration, ensuring alignment between design, development, and business objectives.
- Involved in creating a **Component Library** for the organization, streamlining development efforts and promoting consistent user experiences across projects.
- Led the establishment of coding rules and best practices, resulting in improved code quality, readability, and maintainability across the development team.
- Contributed to projects for **Tailored Brands**, delivering innovative solutions and achieving high client satisfaction through seamless integration and collaboration.
- Completed the **IBM Data Science** Professional Certification program, affirming a robust proficiency in data science principles and techniques.
- Actively applying data science skills in developing a **Book Recommendation System** for an online book suggestion platform. This project aims to enhance user engagement and content personalization.

SM Netserv Technologies, Bengaluru   Dec 2018 –Jul 2022
Software Engineer

- Redesigned and developed Tatvam Analytics product, a web application software used to aggregate your social media mentions and visualise sentiment analysis. Responsible for the front end of the application using **ReactJS, Redux, Bootstrap and NodeJS** for **RESTFul API.** Improved the performance of the application by 20% using the optimal component and redux store architecture.
- Developed Tatvam Customer Lifecycle Management application for Tatvam Analytics product that enables easy administration of customers and their properties, with **ReactJS**, **NodeJS** and **React-Materialize.**
- Created a web application for users to search, find and connect to Insurance Products of GO Victor Group Insurance, using **Mustache JS** and **Bootstrap.**
- Managed team in developing Project Administration portal for MPR-Raptor, a web application for handling various project's lifecycles from different locations. And successfully delivered the project.
- Designed and implemented dynamic reusable UI components using **ReactJS**, **Redux** and **React-Materialize**.
- Worked with backend developers to optimize API calls that increased application performance by 10%.
- Ensured performance, usability and up-to-date best practices and implemented them.

Arun Titan Studio, Chennai   Dec 2016 – Dec 2018
Web developer
- Created fully functional websites for various clients using **HTML, CSS and JS**.
- Designed and Implemented user interface using **Adobe XD**.
- Developed **UI/UX strategies** that include wireframes and mockups for small and medium-sized enterprises
- Collaborated with clients and in-house teams to provide rapid, robust and client-acclaimed websites.
- Investigating the traffic and enhancing the page ranking of customer websites by improving the website structure and performing on-page search engine optimization (SEO).
- Handled all aspects of the web applications including maintaining, testing, debugging and deploying.
- Performed extensive manual testing to ensure the quality of the websites and increased efficiency.

EDUCATION

TRP Engineering College, (Anna University)
Bachelor of computer science and engineering

Seshasayee Institute of Technology
Diploma in computer science and engineering