Sarang Ravikumar

Software Developer

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Versatile **Full Stack Web Develope**r with over **3.5 years** of expertise in **React, NodeJS, and MongoDB**. Proficient in creating scalable servers, designing **RESTful APIs**, and **Optimizing databases** for peak performance. Experienced in cloud technologies and modern web development practices..

Skills

JavaScript/TypeScript	ReactJS	NodeJS / Express	Api Integration	Version Control
Ant Design	MongoDB	Aws Lambda	Aws S3	Mobx

PROFESSIONAL EXPERIENCE

Travancore Analytics,

Software Engineer   August 2021–Present

- Architected and developed scalable, high-performance web applications using React, Node.js, and TypeScript
- Implemented secure user authentication and authorization systems
- Memoization with React.memo, useMemo, and useCallback Code splitting and lazy loading with React.lazy and Suspense
- Optimized database queries for improved application performance
- Collaborated with cross-functional teams to gather requirements and deliver high-quality solutions
- Mentored junior developers and conducted code reviews to ensure best practices and code quality
- Utilized version control (Git) for efficient project management

Projects

- PGA Tour and NBA Home Experience
  - Developed responsive frontend application for configuration management using React and TypeScript
  - Integrated GraphQL API for real-time subscription data
  - Created reusable UI components using Ant Design and implemented custom theming
  - Implemented efficient data pagination and filtering in the backend using Azure Tables
  - Implemented real-time updates using WebSockets for live score and statistics
- OTT Streaming Application
  - Built a responsive admin portal and streaming application using React, TypeScript, and Mobx for state management
  - Implemented advanced role-based access control (RBAC) for granular user permissions
  - Integrated AWS S3 for scalable media storage and implemented lazy loading for optimal performance
  - Created RESTful APIs using Express.js with JWT authentication and refresh token mechanism
  - Implemented video streaming using HLS (HTTP Live Streaming) Designed and implemented RESTful APIs for seamless communication between frontend and backend
  - Implemented robust error handling and logging mechanisms.

EDUCATION

Toc H Institute Of Science And Technology   May 2017-August 2021

Computer Science Engineering,