Surya Madhavan

📞 +91 9920093425 ⦿ suryamadhavan 🔗 surya in surya-madhavan ✉ surya.madhaone@gmail.com </> leetcode

SUMMARY

Software Engineer with over 2 years of experience in full-stack development, specializing in JavaScript, TypeScript, React, Next.js, and Java. Proven track record of delivering well-tested, scalable solutions within agile teams. Skilled at applying problem-solving abilities and business insights to create impactful solutions in collaborative environments.

SKILLS

Web: HTML, CSS, SASS, ReactJS, NextJS, TailwindCSS, Bootstrap, NodeJS, NestJS, Quarkus, Spring Boot, Hibernate, TypeORM, GraphQL, JUnit, Mockito, Jest, React Testing Library

Languages / Cloud / Tools: Javascript, Typescript, Java, Python, Google Cloud, Azure, Docker, Kubernetes, Git, MongoDB, PostgreSQL, Apache Kafka

EXPERIENCE

Lew Innovation   August 2024 – Present
Full Stack Engineer   *Remote*
- Worked on the frontend & backend of an AI based Email Marketing SaaS.
- Converted Figma Designs to UI screens using Material UI, TailwindCSS while following best design practices & ensuring type-safety.
- Developed crucial features like **Paginated Datagrids, RichText editor & Email account integration** using Nylas.
- Integrated APIs utilizing Apollo GraphQL & REST API for efficient data fetching.
- Wrote Custom GraphQL query resolvers & API endpoints for bulk operations, retrieving data joining multiple tables with filters.
- Tech Stack - ReactJS, NextJS, Material UI, TailwindCSS, NodeJS, PayloadCMS, Typescript, Jest, Google Cloud, Firebase Auth

Capgemini   August 2022 – May 2024
Software Engineer   *Mumbai*
- Worked on the backend of Management & Forecasting of Vehicle Assembly system for client **BMW**.
- Improved Kafka streams based data pipelines with necessary adjustments to act as multi-tenant application.
- Rewrote outdated unit & integration tests for multiple microservices ensuring 40% better code coverage & clean code practices. Built POC for E-Commerce data analysis project using Kafka Streams.
- Tech Stack - Java, Spring Boot, Apache Kafka, Quarkus, PostgreSQL, Docker, Grafana, Prometheus, Azure

Quiklyy   Oct 2020 – May 2021
Frontend Developer   *Remote*
- Built the frontend of an employment project from scratch with UI screens for candidate, client & recruiters allowing them to navigate with minimal overhead.
- Developed crucial features such as a **Kanban board, Interview Scheduler, Candidate Approval, Mailbox** for recruiters, **multi-page onboarding forms**, **comprehensive search functionality**, and **data-intensive dashboards** for both recruiters and job seekers.
- Tech stack - ReactJS, Redux, Chakra UI

PROJECTS

YMDb | *NestJS, TypeScript, TypeORM, PostgreSQL*
- REST API built with NestJS to serve movies data with filters, sorting.
- Ensured type safety & clean code practice with TypeScript & TypeORM

TrackerEz | *React, MongoDB, NodeJS, ExpressJS, Redux*
- Full Stack App to track workouts and routines using JWT and Cookies for authentication
- Used Redux wrapper for State Persistence throughout the app.

EDUCATION

University of Mumbai   June 2022
B.Engg. Electronics and Telecommunications   *CGPA: 9.12/10*