

SACHIN KUMAR

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Experience

Pivotroots

Aug 2023 Present

Full Stack Developer

- Expertise in full-stack development, utilizing a diverse tech stack including Node.js, MySQL, Sequelize, REST APIs, and more to deliver scalable and efficient solutions.
- Proven ability to optimize application performance and enhance user experience through advanced caching techniques, modular component development, and seamless API integration.
- Skilled in managing end-to-end development processes, from backend API creation to frontend design, ensuring responsive and user-friendly interfaces for various applications.

Projects

SMART DRIVE

Aug 2023 - Present

Full Stack Development Engineer

Mumbai

- Build comprehensive APIs for tracking driver activity, capturing time, images, and location data, complemented by an intuitive admin panel showcasing driver activities with **downloadable CSV** reports and advanced filtering options for specific activity retrieval.
- Optimized segment creation flow with multiple REST APIs in Node.js, offering seamless user experience and advanced filtering. Apply caching via Redis to boost **response times by up to 20%**.
- Created a robust Image Verification System with user roles for Ops Lead and Drivers, streamlining image submission and review processes. Integrated advanced features and APIs to enhance efficiency, reducing the **Ops Lead's workload by 50%**.
- Add to a sophisticated equipment damage management system with email notifications for operations leads. Impose intelligent alerts for drivers exceeding a **threshold of 2 KM**, ensuring timely intervention.
- Reduced the **30% workload** of the Ops team by creating a task scheduler, which automated and streamlined the scheduling of recurring emails for users who were not logged in within the given timeline.
- Enacted pivotal features like mandatory acknowledgment pop-ups for drivers and advanced filtering methods for seamless data distribution using **CSV reports**.

Tech Stack: **Nodejs, MySQL, Sequelize, REST APIs, JavaScript, Material UI, GCP, Redis, Docker, GitHub actions**

MSD

Apr 2024 - Present

Full Stack Development Engineer

Mumbai

- Proficiently utilized the Satrapi CMS Dashboard to develop APIs for diverse pages, handling **70%** of the backend code within the admin panel, and incorporating robust internalization features. Additionally, crafted modular components for seamless integration across various pages, ensuring scalability within the Satrapi CMS framework.
- Engineered a sleek language selection component with dropdown menus or flags for seamless multi-language choices. Ensured responsive design and localization for a sophisticated user experience.

Tech Stack: **Nodejs, Satrapi CMS, MySQL, i18next**

Clockify

oct 2022 - Present

Full Stack Developer

Mumbai

- It's my personal projects making this project for learning and explore the micro services architecture.

Tech Stack: **Nodejs, express.js, MongoDB, Golang, Go fiber, GraphQL, PostgreSQL, firebase, chakra-ui, Prisma ORM**

Education

Masai School

Feb 2022 - Feb 2023

Full Stack Development

B.sc (Hons - Mathematics)

Sep 2018 - Sep 2022

Bachelor of Science

63%

Technical Skills

Languages: JavaScript, C++, Nodejs, Go

Backend Frameworks: Express.js, Satrapi CMS

Front-end Frameworks: React, Next.js, ionic, angular

Databases/Tools: PostgreSQL, MongoDB, MySQL, Redis, Docker, GitHub action, Prisma, mongoose