

GAURAV ADHIKARI



About Me

Results-driven **Full Stack Developer with 5+ years of experience** in crafting seamless user interfaces and robust APIs. Proficient in **ReactJS, NodeJS**, and a range of technologies to deliver high-quality solutions.



Professional Experience

- Working as Contractor (*Feb' 23 – present*)
- Worked as Full Stack Developer at Vizingo Technologies (*Jun' 21 – Feb' 23*)
- Worked as SDE at Trinity Techolutions (*Jun' 18 – Jun' 21*)



Skills

Frontend: ReactJS, NextJS, React Native, HTML, CSS

Backend: NodeJS, Express, Strapi Headless CMS

Languages: JavaScript, TypeScript

Tools: Git, Jira, Agile, Docker, Jenkins



Projects

Air Quality Management System

Get real-time air quality metrics from sensors and automate systems.

Technology used: ReactJS, Python, InfluxDB, ChartJS, SocketIO

- License activation and token generation flow.
- Overview of the real time sensor status, readings, set points, and error logs for different sensors such as temperature, humidity, o2 etc.
- View live graph of current readings to monitor the quality levels, ability to set upper and lower limits.
- Analysis of sensor readings for a particular date and time range, using chart and ability to export data as PDF/CSV with summary.
- Settings page to manage equipment mapping, view errors, view and update user details.

Bidwizer

<https://bidwizer.com>

Bidding, buying and selling platform - virtual marketplace with millions of cars in inventory always available at your fingertips.

Technology used: ReactJS, NodeJS, Socket IO

- Contributed to the project in developing new features (Wholesale Portal, Support Dashboard) of the app.
- Create Tools for Support portal (vehicle search, dealers' inventory, onboarding dealers)
- Integrate socket to allow support users to chat in Buyer Seller Chat in real time
- Created reusable components and exported them from the npm library to use across projects.
- API caching and invalidation using react-query.

Acknoledger

<https://acknoledger.com>

Search Engine for Web3.0 Digital Assets.

Technology used: ReactJS, Redux

- Created pixel-perfect UI of the Client Side and Admin Dashboard from scratch from Figma Design.
- Integrated Search and Filtering of NFTs and Metaverses on the app.
- Integrated 2FA Authentication on the Client Side.
- Integrated third party APIs like OpenSea for fetching metadata and transactions in Real-Time.
- Optimized page speed score by lazy loading images.
- Followed Agile Methodology and used Trello for Task Management.

ASME

<https://asme.org.sg>

Not-for-profit organization established in 1986 for entrepreneurs, by entrepreneurs.

Technology used: NextJS, Strapi NodeJS CMS

- Created a responsive user interface of the app from scratch with mobile first approach.
- Used Strapi NodeJS based CMS to create backend for the app.
- Successfully integrated Rapyd payment gateway for ASME, resulting in streamlined membership payment processes.
- Setup cron jobs for automating sending emails for membership renewal and expiring memberships.

- Created Rewards Feature for Paid Members which is also managed by admins from CRM app.
- Unit testing using Jest

Morrisons

<https://www.morrisons-corporate.com/>

Fourth largest supermarket chain in UK.

Technology used: ReactJS, TypeScript, GraphQL

- Improved Morrisons' retail productivity exponentially by introducing the Retail Communications feature, ensuring efficient data retrieval using GraphQL.
- Unit Tests using Jest and React Testing Library.