Roshani Navdiya

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EDUCATION

SEAS, Ahmedabad University   Ahmedabad, Gujarat
B.Tech in Computer Science and Engineering   *Aug. 2020 – May 2024*

EXPERIENCE

Software Engineer   June 2024 – Present
Biziverse Pvt. Ltd ↗ | ERP & CRM Software   *Gandhinagar, Gujarat*
- Developed **reminder email** functionality and interaction reports using **AngularJS** and **MySQL**, significantly enhancing user engagement and experience. This solution offers insights that enhance decision-making.
- Spearheaded **API creation**, route management, and backend functionality in **C#,** optimizing communication between the frontend and backend to enhance system performance and responsiveness.
- Designed and implemented dynamic features such as the **Dealer Finder** and a **real-time** dashboard, collaborating closely with cross-functional teams to effectively integrate new technologies. This approach reinforced the company's commitment to innovation and fostered growth by enhancing **user engagement** and operational efficiency.

Frontend Engineer   January 2024 – May 2024
Bit Green Technolabz Pvt. Ltd ↗ | Software Innovations   *Gandhinagar, Gujarat*
- Developed responsive user interfaces using **React.js**, **Redux**, **MUI**, and **Custom Hooks** to enhance user engagement and satisfaction. Optimized components for efficiency and reusability, streamlining workflows and reducing load times. Implemented accessibility best practices to ensure an inclusive platform for all users.
- Optimized **data integration** and **payment solutions**. Integrated external **APIs** for accurate, real-time trading data retrieval, enhancing system reliability. Implemented the **Razorpay** payment gateway for secure credit card transactions, improving **user convenience**. Streamlined data and payment processes, building **user efficiency**.
- Led **QA automation** with **Playwright** to ensure platform reliability. Increased productivity by **automating** repetitive testing tasks. Delivered a high-quality product through thorough testing.

PROJECTS

TrandifyApp (Team Project) ↗ | *Next.js, Typescript, Shadcn, React-Query, Amazon EC2* June 2024 – July 2024
- Developed a web application utilizing Google's **Gemini AI** for automated, real-time dashboard monitoring and anomaly detection. This significantly enhances data oversight and reduces manual monitoring efforts.
- Engineered a responsive frontend using **Next.js** and **TypeScript**, seamlessly integrating with the backend via **React-Query**. This setup ensures smooth user interactions and **efficient data retrieval**.
- Deployed the application on **Amazon EC2**, ensuring a **scalable environment** for optimal user experience.

Health Plus (Individual) ↗ | *Next.js, Node.js, Express.js, MongoDB, SWR, Amazon EC2*   Apr 2024 – May 2024
- Improved data access in healthcare with a unified case management system integrating **Personal Health Records (PHR)**. This enhances secure collaboration among providers and patients.
- Developed a web application using **Next.js** and **Mantine UI** for the frontend, with **Node.js**, **Express.js**, and **MongoDB** for the backend. Integrated **SWR** for efficient **data fetching** and performance.
- Deployed the frontend on **Vercel** and the backend on **Amazon EC2**, ensuring a reliable and scalable environment.

EVSearch (Team Project) ↗ | *React.js , Node.js, Express.js, MongoDB, Axois, Azure, Vanilla CSS*   Apr 2024
- Web Solution that Enhance EV charging with seamless bookings and accessibility for all users.
- Build a web application using **React.js** with support of **Vanilla CSS** for the frontend, with **Node.js**, **Express.js** as a Backend, with **MongoDB** as Database. Used **Axios** for efficient **data fetching** and performance.
- Ensured a reliable and **scalable environment** by deploying the frontend on **Netlify** and the backend on **Azure** for optimum performance.

TECHNICAL SKILLS

Languages: C/C++, Java, Javascript, C#, Typescript, SQL(Postgres)
Technologies/Frameworks: React, Next.js, Express.js, Node, Git, Redis, Kafka, Figma, AngularJS, MySQL

ACHIEVEMENTS & POSITION HELD

- Secured **1st Runner Up Position** in Ingenious Hackathon, developed a MVP for web3 ride booking platform.
- **Core Committee Member** in **Design Team** for Ingenium 2023. Led Team of **11 enthusiast designers**.
- **IEEE Robotics Chair** for **Robotics club** of Ahmedabad University. Organized multiple events.
- **Communication Lead** of **ACM Chapter** of Ahmedabad University. POC for any Tech Event in the university.