

VATSAL DHUPELIA

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SUMMARY:

Software Developer with a strong passion for crafting innovative solutions through code. My journey in the world of programming has led me to specialize in software development. With a keen eye for detail and a flair for creativity, I strive to deliver outstanding user experiences through clean, efficient, and elegant code.

EDUCATION:

Bachelor's Degree in Engineering (B.Tech.), Computer Engineering, (CGPA:8.54) **2019 - 2023**
Institute: BVM Engineering College, Vallabh Vidyanagar, Gujarat, India.

WORK EXPERIENCE:

Software Developer **April/2023 – Present (2 years)**
Zealous System Private Limited, Ahmedabad, Gujarat

- **Full Stack Developer** specializing in the complete development lifecycle, crafting robust and dynamic software to ensure a seamless and responsive user experience.
- Working as a **project-dedicated developer** with a leading telecommunications company, focusing on delivering tailored solutions to meet industry-specific requirements.
- As part of this project, developed and maintained multiple admin portals and various web applications by extending features from existing applications and managing the deployment of their **white-label apps**, ensuring consistent branding and functionality across platforms.
- Created and maintained private **NPM packages** to facilitate the reuse of common services and functionalities across different platforms, improving development efficiency and standardization.
- Proficient in using **NodeJs** and **NestJS** for backend development, along with **TypeORM** and **Sequelize** for database management, ensuring efficient data handling and optimizing performance.
- Skilled in working with various databases including **MongoDB**, **PostgreSQL**, and **MySQL**, enabling versatile data storage solutions tailored to specific project needs.
- Worked extensively with **Google Cloud Platform (GCP)** services as part of the project, including **Pub/Sub** for real-time messaging, **Cloud Run** for containerized application deployment, and **Cloud Functions** for event-driven serverless applications, ensuring scalability and robust performance.
- Experienced in the development and integration of **REST APIs** and **GraphQL** to streamline data management and enhance application functionality.
- Utilized **Docker** for containerization, facilitating seamless application deployment and ensuring consistency across development, staging, and production environments.
- Proficient in **Git version** control system, utilizing **GitHub** for collaborative development, code review, and project management, ensuring a streamlined and efficient development workflow.

SKILLS:

- **Technical Skills:** HTML, CSS, JavaScript, JQuery, ReactJS, NodeJS, NestJS, GraphQL, Sequelize, TypeORM, MaterialUI, Redux Saga, Redux Toolkit, REST APIs, Docker, BitBucket, Git, GitHub, GCP – Pub/Sub, Cloud Run, Cloud Functions
- **Organizational Skills:** Team Work, Group Leadership, Critical Thinking

PROJECTS:

Anonymous – Project Dedicated Developer

- Dedicated developer within a project team, responsible for managing client calls and comprehensively understanding project requirements.
- Involved in the development of the frontend using **ReactJS**, contributing to the creation of responsive and dynamic user interfaces for admin panels and user management portals and integrating APIs to ensure seamless functionality and synchronization with project workflows.
- Demonstrated ability to collaborate effectively with cross-functional teams to achieve project objectives.
- Strong attention to detail in ensuring user-friendly interfaces and optimal user experiences.
- Converted the application into a web-based platform using **ReactJS** and **TypeScript** to deliver a consistent, responsive UI.
- Integrated **Kustomer** for robust customer support management, streamlining interactions and response times for the client.
- Deployed the application on **Firebase** for scalable and secure hosting.

Staff Scheduling System (HTML, CSS, Bootstrap, ReactJS, Redux Toolkit, Material – UI)

- Spearheaded the development of a comprehensive staff scheduling system tailored to meet the unique needs of our clients using front-end technologies, including ReactJS, Redux Toolkit, and Material UI, to create a robust and intuitive user experience for efficient state management, ensuring smooth data flow and application responsiveness.
- Due to the project's heavy reliance on data and time components, extensively researched and implemented effective techniques for handling and manipulating date and time data.
- Implemented advanced features utilizing DataGrid components, harnessing various operations and methods to effectively represent and manipulate data within the application.
- Integrated the REST APIs for enabling the efficient communication and data exchange between the front-end application and backend server.

Anonymous (HTML, CSS, Bootstrap, ReactJS, Redux Saga, Material – UI)

- Developed the frontend of a comprehensive web application utilizing ReactJS, Redux Saga, and Material UI to efficiently manage and visualize organizational data.
- Implemented dynamic and interactive graphs using advanced libraries such as Plotly, Highcharts, and Reactcharts, enhancing data representation and analysis capabilities within the application.
- Designed and integrated Import and Export functionalities to facilitate seamless transfer of module data, ensuring smooth interaction with external systems and data sources.

Orchestrated the setup of intricate logic for data calculations, leveraging advanced algorithms and methodologies to process and display data effectively on the graphs.