

VISAWJEET MALLIK

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Profile

Experienced and adaptable web developer with 1.6 years of dedicated service in the IT industry, backed by a comprehensive 3.5-year career spanning electrical engineering and web development. Proficient in an array of cutting-edge technologies including React JS, Node JS, Express JS, PostgreSQL, MongoDB, Vue JS, and Java Spring Boot. Skilled in crafting robust websites and backend infrastructures, with a keen eye for efficient deployment strategies. Well-versed in managing AWS services, ensuring seamless operations and scalability. Eager to leverage expertise in delivering innovative solutions that drive business growth and enhance user experiences.

Education

AltCampus Services Pvt Ltd

MERN Stack BootCamp

Dharamshala, H.P.

Feb 2022 – Sep 2022

Gujarat Technological University

Bachelor of Engineering, Electrical

Ahmedabad, Gujarat

Aug 2016 – Aug 2020

Kendriya Vidyalaya

Class XII (HSC)

Silvassa, D&NH

Apr 2014 – May 2015

Experience

Frontend Developer

Airace Technologies Private Limited

Dec 2022 – Present

Bengaluru, Karnataka

- **Airace Geo Studio Desktop App** | *Electron JS, React JS, Node JS*
 - * **Team Size:** Individual Contributor
 - * Led the development of a sophisticated Electron JS-based Windows Desktop App for efficient GIS Data processing.
 - * Contributed to the creation of Win32 and UWP apps for Windows platforms, as well as a DMG image tailored for Mac OS.
 - * Implemented Over-The-Air (OTA) updates feature utilizing Github Releases, ensuring seamless updates and user convenience.
- **Airace FieldBook Desktop App and Backend APIs** | *Electron JS, React JS, Node JS, Express JS, PostgreSQL, AWS S3*
 - * **Team Size:** Individual Contributor
 - * Led the development of an Electron JS-based Windows Desktop App tailored for processing Shapefiles and generating PDFs for land plots.
 - * Designed and implemented a Node JS-based Backend API server to dynamically generate SVGs and PDFs in tandem with the desktop application.
 - * Integrated RazorPay payment Gateway to facilitate secure transactions within the application.
- **Airace Super Admin Portal** | *React JS, Node JS, Express JS, PostgreSQL*
 - * **Team Size:** Individual Contributor
 - * Developed a full-stack Super Admin Portal application using React JS for the frontend and Express JS with PostgreSQL for the backend.
 - * Utilized Node JS for server-side logic and Express JS for routing.
 - * Designed and implemented database schemas, queries, and data manipulation logic using PostgreSQL.
- **Geoserver REST API Server** | *Node JS, Express JS, PostgreSQL, AWS S3, AWS STS*
 - * **Team Size:** Individual Contributor
 - * Led the development of an Express API server facilitating seamless upload of Raster and Vector data to Geoserver.
 - * Implemented functionalities for generating Contour and Surface Elevation Models utilizing the GDAL open-source library.
 - * Designed and implemented APIs catering to KML, ShapeFile, and DXF File formats for enhanced data compatibility.

- **Airace Onehub Portal** | *Vue JS, Java Spring Boot, PostgreSQL*

- * **Team Size:** 2

- * Modified and improved existing Spring Boot REST API server for Onehub Portal.
 - * Modified and improved existing Frontend application written in Vue JS.
 - * Implemented Google OAuth Login support.
 - * Implemented RazorPay payment gateway in this application.

- **Other projects and responsibilities**

- * *Pet locator App:* Developed a Full Stack Pet locator app using Next JS.
 - * *Airace Website:* Managed and updated Airace main website written in Vue JS.
 - * *NTRIP Caster:* Developed a Web App using Next JS with Google OAuth support and REST API server in Node JS.
 - * *ShapeFile and DXF File Generation Server:* Developed a small REST API server which processes Point Coordinate Data and generates ShapeFile and DXF files.
 - * Responsible for Managing AWS Instances, RDS Databases, and Deployment Pipelines.
 - * Responsible for creating Lambda Functions, SQS queues and SNS topics as per requirement.
 - * Responsible for generating Apache configs and setting up Vhost and reverse proxy for websites.

Electrical Engineer

Oct 2020 – Sep 2022

Sagar Manufacturers Pvt Ltd

Bhopal, MP

- Planning and Commissioning of various electrical Utilities such as Compressor, AHFs, Transformers, Motors etc.
- To work towards optimization of the spinning machines and achieve energy conservation by using various energy saving methods
- Manpower handling and team building.
- Electrical and electronics department inventory management.

Projects

Conduit Blog App | *React JS, Node JS, Express JS, MongoDB, Tailwind CSS*

Demo | Github

- Developed a full-stack application utilizing the OpenAPI specifications for the Express server and React JS frontend.
- Empowered users to perform essential actions including creation, deletion, and editing of blogs, along with functionalities like liking, commenting, and following other users.
- Implemented robust User Authentication and Registration features to ensure secure access and interaction within the application.

Shopping Cart | *React JS, JavaScript, SCSS*

Demo | Github

- Developed a straightforward React application for managing a shopping cart, enabling users to effortlessly add and remove items.
- Implemented functionality to filter items based on available sizes and sorting options by price, enhancing user experience and convenience.

HLS Web Media Player | *React JS, MUI, Tailwind CSS*

Demo | Github

- Developed an intuitive Web Media Player to play HTML Live Streaming Videos directly on Web Browser.
- Implemented support for Watch History using LocalStorage

Github Battle | *React, JavaScript, SCSS*

Demo | Github

- Developed an open and extensible platform for GitHub users to track top repositories across various programming languages.
- Implemented a feature allowing users to compare two GitHub profiles and 'battle' them, facilitating friendly competition and skill assessment.

Technical Skills

Languages: JavaScript, SQL (Postgres), HTML/CSS, MongoDB, Java

Frameworks: React JS, Node JS, Express JS, Next JS, Vue JS, SpringBoot

Developer Tools: Git, AWS, VS Code, IntelliJ, Postman, Adobe Photoshop