Vishwanath A

Full-Stack Developer

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PROFESSIONAL SUMMARY

Full-Stack Developer with over 2 years of experience delivering secure, scalable, and cloud-ready web applications. Adept at bridging frontend and backend development with a strong foundation in DevOps and modern architecture practices. Known for building reliable, user-focused solutions and contributing across the full product lifecycle in fast-paced, Agile environments.

AREAS OF EXPERTISE

Frontend: React.js, TypeScript, JavaScript, Redux, Flutter
Backend: Node.js, Express.js, Python (Flask)
API Development: RESTful APIs, JWT, Swagger
Database & Storage: MongoDB, MySQL, Google BigQuery, Azure Cosmos DB, AWS S3, Firebase
Cloud & DevOps: Azure, GCP, Git, Docker, GitHub Actions, Ansible, Terraform, Nginx
Testing & Automation: Playwright, SonarQube

PROFESSIONAL EXPERIENCE

Full-Stack Developer
GWC DATA.AI – Bengaluru | *June 2023 – Present*
- Played a key role in delivering secure, scalable applications through full-cycle development and DevOps ownership.
- Contributed to high-impact features, CI/CD workflows, and cross-functional Agile collaboration.

Full-Stack Developer Intern
Mobile Tutor – Bengaluru | *Jan 2023 – May 2023*
- Developed an internal automation tool deployed on AWS, improving internal workflow efficiency.
- Built and delivered a full-stack financial planning application tailored to business use cases.

PROJECTS

Mahindra & Mahindra – Data Visualization & Reports

Tech Used: React.js, Node.js, DOMO, DOMO API, PDP Policy

- Developed **custom DOMO apps** using **React.js** to deliver **interactive visualizations** and dynamic business dashboards.
- Built a **secure Node.js backend** with user authentication and real-time data integration via **DOMO API**.
- Implemented **PDP policies** to enforce **data visibility** based on user roles and department access

Alubee – IoT Dashboard
Tech Used: Node.js, React.js, REST API, Google BigQuery, GCP (Cloud Run), Docker, JWT

- Developed a scalable **IoT dashboard** for real-time device data monitoring and analytics using **React.js** and **Node.js**.

- Engineered **RESTful APIs** in Node.js to fetch and process IoT data from **Google BigQuery**, enabling real-time insights and **role-based access control** with secure authentication.
- Integrated dynamic **data visualization** components for intuitive analysis of device metrics and trends.
- **Containerized** the application using **Docker** and deployed it on **Google Cloud Run (GCP)** for high availability and scalability.

Marrybrown – Roster & Sales Plan Application
Tech Used: React.js, Node.js, REST API, Redux, Playwright, Docker, Azure

- Built **Roster Management** and **Sales Plan** applications using **React.js** and APIs built with Node.js..
- Designed data-driven scheduling interfaces to track **staff availability**, **shift coverage**, and **sales performance** in real-time.
- Integrated "**Magic Rostering**", an **AI-powered module** to automatically generate weekly employee schedules.
- Implemented **employee** and **leave managem**ent functionalities to streamline **resource allocation** and **shift adjustments**.
- Structured the system around **organizational hierarchy** with **role-based views** and **permissions** for different access levels.
- **Containerized** the application using **Docker** and deployed it to **Azure** for scalable, cloud-based access and **CI/CD integration**.

InfoBeam AI – Conversational File Assistant
Tech Stack: React.js, Node.js, REST API, Redux, AI, Docker, Azure

- Built an **AI-powered chatbot** interface for interactive file-based conversations using React.js and Node.js.
- Implemented **secure file upload**, cloud storage, and **management features** via REST APIs, supporting **multiple formats** and access control.
- Secured **APIs** with **JWT-based** authentication to ensure protected access and data integrity.

EDUCATION

Master of Computer Applications (MCA)
Bharathiar University, Coimbatore - 2023

Bachelor of Computer Applications (BCA)
National College, Tiruchirappalli - 2021