

Vishwanath A

Full-Stack Developer

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PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years of experience delivering secure, scalable, and cloud-ready web applications. Developed AI-powered solutions and IoT dashboards used by 1000+ end users, increasing operational efficiency by 20% and reducing system downtime by 15%. Experienced in frontend and backend integration, DevOps pipelines, and deploying applications on Azure and GCP within 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

Spearheaded full-stack development, delivering secure and scalable applications; championed DevOps principles, streamlining workflows that reduced application latency by 20% and boosted overall system performance, with successful deployments on Microsoft Azure and Google Cloud Platform(GCP).

Full-Stack Developer Intern | Mobile Tutor - Bengaluru

January 2023 – May 2023

Transformed a manual reporting process into an automated Node.js application, reducing errors by 30% and freeing the team to focus on higher-value strategic initiatives.

PROJECTS

Mahindra & Mahindra – Data Visualization & Reports

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

- Pioneered the launch of 3 custom DOMO applications using React.js, delivering interactive dashboards with role-based data policies and achieving a 35% improvement on query response times.
- Built a secure Node.js backend featuring robust user authentication and real-time data integration through DOMO API, optimizing data workflows and reducing errors by 30%.

Alubee – IoT Dashboard

Tech Used: Node.js, React.js, REST API, Google BigQuery, GCP (Cloud Run), Docker, JWT, SonarQube

- Crafted an IoT dashboard using React.js and Node.js, providing real-time device monitoring and analytics to increase device uptime by 12%.
- Forged RESTful APIs to fetch and process IoT data from Google BigQuery and InfluxDB, decreasing data retrieval time by 35% by optimizing query performance and caching strategies.

- Automated CI/CD pipelines with SonarQube checks, which containerized the application using Docker and deployed on Google Cloud Run (GCP); this enhanced the reliability of code and increased uptime by 2%.

Marrybrown – Roster & Sales Plan Application

Tech Used: React.js, Node.js, REST API, Redux, Playwright, Docker, Azure, SonarQube, GitHub Actions

- Engineered Roster Management and Sales Plan applications utilizing React.js and Node.js APIs, enabling real-time staff scheduling and performance tracking for over 100 restaurant employees.
- Automated weekly employee schedules by deploying 'Magic Rostering,' an AI-powered module, which accelerated resource allocation and reduced scheduling errors by 40%, decreasing conflicts.
- Implemented role-based access control for employee data, diminishing unauthorized access attempts by 20% and establishing a robust, secure system aligned with organizational structure.
- Automated the application deployment on Azure using GitHub Actions, SonarQube, and Playwright testing, which improved code quality by 25% and resulted in faster release cycles.

EDUCATION

Master of Computer Applications (MCA)

Bharathiar University, Coimbatore

June 2021 - May 2023

Bachelor of Computer Applications (BCA)

National College, Tiruchirappalli

June 2018 - April 2021