

VAJIDA MULLA

SOFTWARE ENGINEER

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SUMMARY

Full Stack Software Engineer with **2+ years of experience**, including **1+ year working** with an **international airline client**, developing scalable, cloud-native applications using **Node.js, Angular, React.js, JavaScript, and TypeScript**. Strong experience in designing microservices architectures, building secure **RESTful APIs**, and applying object-oriented programming principles. Hands-on expertise with **AWS services** (Lambda, API Gateway, DynamoDB, S3), CI/CD pipelines, and Docker-based containerization. Experienced in application monitoring and performance optimization using **Dynatrace**. Maintained **80%+ unit test code coverage**, enforced SonarQube quality gates, and followed industry best practices to deliver reliable, high-performance software.

WORK EXPERIENCE

Full Stack Developer | SPARThoughts Private Limited

Jan, 2024 – Present

Technologies: React.js, Node.js, TypeScript, GraphQL, AWS (Lambda, DynamoDB, S3), Dynatrace

- Working with an international airline client (**Air Canada**) as a **sole Full Stack Developer** for an airport operations project, leading end-to-end development across frontend and backend using **React.js, Node.js, TypeScript**, and **AWS** (Lambda, API Gateway, DynamoDB, S3).
- Architected and optimized **GraphQL** APIs and **DynamoDB** data models, improving system performance, scalability, and API response times for high-traffic production workloads.
- Implemented **Docker-based containerization** and supported **CI/CD automation**, enabling consistent deployments, faster release cycles, and improved environment reliability.
- Ensured high software quality through **80%+ unit test coverage**, **SonarQube** quality gates, and integrated **Dynatrace** and AWS CloudWatch monitoring for observability, performance tuning, and proactive issue resolution.

Software Engineer Intern | SPARThoughts Private Limited

Jan, 2024 – Sep, 2024

Technologies: React.js, Node.js, TypeScript, GraphQL, AWS (Lambda, DynamoDB, S3), Dynatrace

- Developed a cloud-native Textile Management application using Angular and Node.js, improving operational workflows and system scalability.
 - Built and deployed serverless microservices on AWS (Lambda, API Gateway, DynamoDB, Cognito, S3) with secure authentication and optimized performance.
 - Automated infrastructure and deployments using Terraform, AWS CloudFormation, and CI/CD pipelines, reducing manual effort and increasing release reliability.
 - Followed agile development practices, modular architecture, and code quality standards, improving maintainability and accelerating feature delivery.
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SKILLS

- Frontend: React.js, TypeScript, JavaScript, Angular, HTML, CSS, SCSS
- Backend: Node.js, .NET Core, REST APIs, GraphQL, Microservices
- Cloud & DevOps: AWS (Lambda, API Gateway, DynamoDB, S3, CloudFront), Docker, CI/CD, ECS
- Databases: DynamoDB, MySQL
- Testing & Monitoring: Jest, Unit Testing (80%+ Coverage), Dynatrace, SonarQube
- Tools: Git, GitHub, Agile (Scrum), Debugging, Problem Solving

EDUCATION

Bachelor of Technology in Computer Science and Engineering June 2020 - June 2024
Sharad Institute of Technology college of engineering.

- **CGPA: 8.93**

Higher Secondary Certificate June 2019 - June 2020
Gurukul English Medium School and Junior College.

- **Percentage : 65.38**

Secondary School Certificate June 2017 - June 2018
Sitabai Patvardhan Highschool.

- **Percentage : 78.60**
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PROJECTS

Proactive Recovery Service | Airline Domain (Air Canada) Dec 2024 - Present
Technologies : React.js, Node.js, GraphQL, AWS, .NET

- Contributing to the Proactive Recovery Service for an international airline (Air Canada), enabling automated compensation management through Wi-Fi and promotional code distribution across inflight and airport operations.
- Serving as the sole Frontend Developer (React.js) while also contributing to backend development using Node.js, AWS services, and GraphQL APIs, delivering end-to-end features in a cloud-native architecture.
- Implemented role-based access control (RBAC) for 7+ user roles, secure data handling, and real-time notifications using AWS S3, improving system usability and compliance.
- Optimized GraphQL queries, performance, logging, and monitoring, and contributed to CI/CD pipelines, enhancing application reliability, reducing response times, and ensuring consistent production deployments.

Textale | Company Product Jan 2024 - Nov 2024
Technologies : Angular, Node.js, GraphQL, AWS, .NET

- Engineered a full-stack Textile Management system to optimize inventory management, order workflows, and supplier coordination processes.
 - Developed a responsive, feature-rich frontend using Angular, ensuring seamless user experience across desktop and mobile platforms.
 - Built scalable backend services with Node.js, deployed as serverless functions on AWS Lambda and integrated with API Gateway for efficient request handling.
 - Utilized DynamoDB to manage product data, transaction records, and user activity with high availability and low-latency performance.
 - Automated cloud infrastructure provisioning using AWS CloudFormation, enabling consistent, version-controlled, and repeatable deployments.
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ARCHIVEMENTS

Certificate of Appreciation | SPARThoughts Private Limited Nov 2025
• Certificate of Appreciation for **outstanding performance** and valuable contributions in delivering critical projects.

Impetus Project Competition | Sharad Institute of Technology Oct 2023
• **Achieved 3rd place** in a project competition at the prestigious national-level technical event, Impetus 2K23.