Ganeshamoorthy A

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SUMMARY

Results-driven Full-Stack Software Engineer with 2+ years of experience building high-performance web applications using Angular, React, and cloud platforms such as AWS and Azure. Proficient in API design, database optimization (SQL, NoSQL), and creating responsive, user-friendly interfaces. Demonstrated success in delivering scalable, user-centric solutions through agile methodologies and cross-functional collaboration. Dedicated to clean code, innovation, and continuous improvement.

SKILLS

Languages: JavaScript, TypeScript, Java, SQL
Frontend: Angular, React, HTML, CSS, SCSS
Backend: Spring Boot, REST APIs
Cloud: AWS, Azure, GCP, Terraform, CloudFormation
Tools: Git, GitLab, Docker, Agile/Scrum

WORK EXPERIENCE

Commvault (Formerly Appranix)   Aug 2022 – Present
Software Engineer

- Developed full-stack features across frontend (Angular/React) and backend (Spring Boot), delivering seamless user experiences and robust APIs.

- Built adapters and proxy layers for multi-cloud integrations (AWS, Azure, GCP), enabling resource discovery, tagging, and validation.

- Automated infrastructure deployments using Terraform and CloudFormation templates, reducing provisioning time from hours to minutes.

- Enhanced recovery workflows with multi-subscription support, reset services, and summary APIs, improving reliability at enterprise scale.

- Contributed during internship phase by implementing UI enhancements, fixing bugs, and gaining exposure to enterprise SaaS recovery workflows.

KEY PROJECTS

- **Configuration Drift:** Designed UI to visualize and track multi-cloud configuration changes, enabling faster discrepancy detection and resolution.

- **Multi-Cloud Resource Adapter Framework:** Implemented adapters and proxy layers for AWS, Azure, and GCP to support discovery, tagging, and validation.

- **Resilient Recovery Framework:** Optimized recovery operations with multi-subscription support, reset workflows, and summary APIs to improve reliability in large-scale disaster recovery.

INDEPENDENT PROJECTS

- **TaskFlow:** Full-stack task management app with task creation, editing, deletion, and tracking. Built using Angular, Spring Boot, and PostgreSQL.

- **User Access Manager (RBAC):** Built a secure account creation and authentication service with root/admin users, role-based access control, and UI for user-role management. Implemented with Spring Boot, JWT, and Angular.

CERTIFICATIONS

Microsoft Azure Fundamentals (Azure) | Google AI Essentials (Coursera) | Angular Intermediate (HackerRank) | Front End Developer React (HackerRank) | Full Stack Web Development (Udemy) | Java Spring Boot with MongoDB (Udemy) | Java Basic (HackerRank)

PUBLICATIONS

Breaking Monoliths: Micro Frontends in Angular with Native Federation — Authored a technical blog on Medium detailing how to decompose monolithic applications into scalable micro frontends using Angular and native module federation. Includes practical code examples and architecture patterns. Read here →

EDUCATION

B.E. Electronics and Communication Engineering   2019 – 2023
E.G.S Pillay Engineering College   CGPA: 8.85
HSC – National Higher Secondary School   2019 (77%)