SRI VARSHINI I

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Education

University of Georgia **August 2023 – May 2025**

Master of Science in Computer Science *Athens, Georgia*

Coursework: *Data Structures, Software Engineering, Database Management, Recent Advancements in Artificial Intelligence, Mobile Application Development*

Experience

ABE Scott Enterprises **November 2025 – Present**

Full Stack Developer *Atlanta, GA*

- Developed full-stack authentication system building **Node.js/Express** OAuth 2.0 service with **JWT** token management and **React Native** mobile flows for Google/Apple sign-in with secure credential storage.
- Built ride comparison system integrating **Uber/Lyft** APIs with **Node.js** backend, **Redis** caching reducing response time by 40%, **PostgreSQL** persistence, and RESTful endpoints consumed by mobile client.
- Engineered transit routing system processing MARTA **GTFS** feeds with **Node.js** parser, **PostgreSQL** storage, shortest-path algorithm, and **RESTful** endpoints serving top 5 routes with sub-200ms latency.

Choovio Inc **June 2025 – November 2025**

Full Stack Developer *Laguna Hills, CA*

- Architected and built Full-Stack IoT fleet management platform using **React**, **Next.js**, and **TypeScript** frontend consuming **Go**-based Magistrala backend, implementing end-to-end features for multi-tenant device provisioning, real-time state monitoring, and alarm management.
- Developed complex UI workflows integrating **REST APIs**, **WebSocket** connections for live device telemetry, and **MQTT** protocol handling, building responsive interfaces for certificate management, RBAC policy configuration, and audit log visualization.
- Deployed full application stack to **AWS** with **CI/CD** pipeline using **GitHub Actions**, implementing automated testing, containerized deployments, and multi-environment orchestration for scalable IoT platform delivery.

University of Georgia **August 2023 – May 2025**

Full Stack Application Developer *Athens, GA*

- Engineered full-stack Android application in **Java** using **MVVM** architecture with **LiveData**, **ViewModel**, and **Room** database for offline-first persistence, implementing **AsyncTask** and **ExecutorService** for asynchronous network operations.
- Integrated **Firebase Realtime Database** and **Firebase Authentication**, implementing data sync patterns with local caching and conflict resolution across distributed user sessions, reducing data inconsistencies by 85%.
- Built comprehensive testing suite with **JUnit** and **Espresso**, achieving 75% code coverage with unit tests for business logic, integration tests for **Firebase** operations, and UI tests for critical user flows.

Pullulate Pvt **May 2021 – June 2023**

Founding Software Engineer *Hyderabad, India*

- Developed product catalog and shopping cart modules using **Spring Boot** with **PostgreSQL**, implementing RESTful APIs for product listings, inventory management, and cart operations for GI-tagged local goods e-commerce platform.
- Deployed microservices on **Kubernetes** with containerized **Java** services, contributing to platform architecture and customer acquisition as founding team member through vendor pitches and requirement gathering.

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, Swift, SQL, HTML, CSS
Frameworks & Libraries: Spring Boot, React, Next.js, React Native, Node.js, Express.js, shadcn/ui, JUnit, Espresso
Developer Tools: Git, AWS, Docker, Kubernetes, Linux, Redis, GitHub Actions, Postman
Databases & APIs: PostgreSQL, MongoDB, Firebase, REST, GraphQL, WebSocket, OAuth 2.0, JWT

Projects

- **LexAudit**: Built multi-agent legal invoice auditing system using **Gemini ADK**, implementing tool-using agents, retrieval pipelines, rule-based reasoning and **anomaly detection** workflows.
- **RedTeaming LLM Agents**: Executed over 50 adversarial jailbreak attacks on ReAct and AutoScraper based **LLM** agents using the **OpenAI API** which surfaced 3 alignment vulnerabilities and informed hardening strategies.
- **DawgPool**: Built IOS ride-sharing app in **Swift** using **SwiftUI** and **MVVM** architecture with **CoreLocation** for real-time tracking, **MapKit** integration, and **Firebase** for driver-rider matching and live location updates.