

Dushyanth Nagesh Gowda

Arlington, TX 76013 | +18179361210 | dxg6620@mavs.uta.edu | [LinkedIn](#) | [GitHub](#)

Work Experience

Tesla

Palo Alto, CA

Software Engineering Intern

August 2025 – December 2025

- Designed and implemented a full-stack insurance capture into glass repair scheduling flows, reducing insurance-related booking drop-offs and improving scheduling efficiency by 50%.
- Implemented a backend-driven Glass Selector that guided glass damage selection in the mobile app, increasing automation accuracy from 58% to 85% and reducing service delays.
- Enhanced Tesla Assist in-app chat support workflows by refining flow interactions and UI behavior, improving usability during customer support interactions.

Sony Interactive Entertainment – PlayStation

San Mateo, CA

Software Engineering Intern

May 2025 – August 2025

- Developed a real-time active speaker indicator "Display Who's Speaking" for PS5 Party Chat, enabling fast speaker updates and improving communication clarity in multiplayer voice sessions.
- Migrated legacy voice chat modules from JavaScript to TypeScript, improving type safety and increasing long-term maintainability.

Version 1 Solutions

Bangalore, India

React Developer

August 2022 – August 2024

- Owned the end-to-end implementation of Dublin Airport's official React Native app in TypeScript, redesigning the application architecture and integrating real-time flight updates, supporting growth from 40K to 80K monthly users.
- Developed a cloud discovery and portfolio management tool using Angular and TypeScript to assess application readiness for cloud migration, automating data mapping and reducing manual effort by 70%.
- Implemented application dependency visualizations using D3.js and SSE-based real-time progress tracking, improving visibility and planning accuracy for enterprise cloud migrations.
- Built a Node.js automation to compute cycle time metrics for GitLab issues, reducing manual reporting by nearly 100% and enabling real-time delivery insights.

Cerner Healthcare Solutions

Bangalore, India

Software Engineer 2, Software Engineer 1

July 2019 – August 2022

- Implemented real-time medication data integrations using FHIR and REST APIs, enabling external clinical systems to stream data into production healthcare workflows.
- Developed a React-based testing tool to inject external medication data, eliminating manual CCL-based entry and reducing testing effort by 90%.
- Refactored legacy Java services using Maven reactorization, reducing build times by 40% and improving dependency management.
- Optimized backend CCL queries to improve data retrieval efficiency, reducing execution time by 25% for faster system integrations.

Technical Skills

Languages: TypeScript, JavaScript, Java, Python, C++, SQL

Frontend, Mobile & Testing: React, React Native, Angular, Redux, React Query, Material UI, D3.js, React Testing Library, JUnit

Backend & Cloud: Node.js, Express.js, REST/GraphQL APIs, Azure, Firebase, CI/CD, GitHub Actions, Maven

Education

University of Texas at Arlington – Master of Science in Software Engineering August 2024 – May 2026

Jain University – Bachelor of Technology in Computer Science and Engineering August 2015 – July 2019