

# Broderick Pride

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## SUMMARY

Junior full-stack software engineer with experience building web, Android, and tooling projects in C#, Java, Kotlin, JavaScript/TypeScript, Python, SQL (SQLite, SQL Server, Oracle). Background includes supporting build pipelines and troubleshooting in a regulated aerospace environment with sensitive electronics and strict procedures. Currently completing a BS in IT – Software Development & Coding and seeking a junior software engineer role where I can contribute across the stack and grow with a collaborative team.

## SKILLS

Languages: C#, Java, Kotlin, JavaScript/TypeScript, Python, SQL (SQLite, SQL Server, Oracle)

Web / Backend: HTML5, CSS3, vanilla JavaScript, basic Node.js, REST-style APIs, C#/NET (coursework), Kotlin (Android)

Databases: SQLite, Microsoft SQL Server, MySQL, SQL, Neo4j Cypher, Cassandra CQL, MongoDB basics

Tools: Git/GitHub, Visual Studio, VS Code, Android Studio, basic unit testing, debugging,

Agile/Scrum exposure

Systems & Hardware: Windows, Linux/Ubuntu, hardware diagnostics and repair, ESD-safe handling of sensitive electronics

AI/ML: NVIDIA deep learning & predictive maintenance coursework

## EXPERIENCE

Trisphere LLC – Software Build Engineer Intern (Sep 2025 – Present)

- Support software build and deployment pipelines across multiple application environments.
- Update and maintain build scripts to reduce manual steps and deployment errors.
- Troubleshoot build failures by reviewing logs, verifying configuration, and collaborating with developers.

ICON Aerospace – Technician (Jan 2024 – Present)

- Diagnose and repair aircraft components and electronic assemblies following FAA CMM guidelines.
- Work daily with sensitive circuits and electronics using proper ESD protection and handling procedures.
- Read and interpret technical blueprints and documentation to determine correct configurations and repair steps.

## PROJECTS

FieldCraft – Android / Kotlin App

- Built a mobile “knowledge hub” app using Kotlin and Android Studio with Jetpack Compose UI.
- Implemented local data storage with SQLite for offline use, plus search/filter and multi-screen navigation.

612th Attack Battalion – Delta Company Auxiliary Mod (Arma 3, GitHub)

- Maintain a modular Arma 3 auxiliary mod used by a milsim unit, with addons for weapons, vehicles, equipment, medical items, objects, patches, and custom factions.
- Package modules as .pbo files and use Git and GitHub to track changes, manage releases, and document setup for players and mission makers.

Web & Scripting Coursework

- Built small JavaScript-based web apps using HTML/CSS/JS and Python scripts for data processing and basic analytics with database interaction.

## EDUCATION

ECPI University – Bachelor of Science, Information Technology – Software Development & Coding (2022 – Present, Expected Graduation: March 2026)

Relevant coursework: Object-Oriented Programming (Java/C#), Web Development, Mobile App Development (Kotlin/Android), Database Systems (SQL/SQLite), Data Structures & Algorithms.

## LICENSES & CERTIFICATIONS

Applications of AI for Predictive Maintenance – NVIDIA (Credential ID: WDbURJrzRwW0hKEi9Buzhw, Issued Dec 2025)

Fundamentals of Deep Learning – NividiaTech Information Technology L.L.C (Credential ID: weFG3OBOQAi6YKUURZ3sLQ, Issued Oct 2025)