Aniketh Bharadwaj

936-900-7916 | aniketh.bharadwaj@gmail.com | U.S Citizen | **Active Q Clearance - DOE**

Education

Georgia Institute of Technology — Atlanta, GA
M.S in Computer Science — *Aug. 2025 – Aug 2027*

Texas A&M University — College Station, TX
B.S in Electrical Engineering, Minor in Business — *Aug. 2020 – Dec 2024*

Experience

Honeywell — Feb. 2025 – Present
Software Engineer I — *Kansas City, MO*

- Led and implemented a Lean Six Sigma Green Belt (LSSGB) automation project using C# and .NET to synchronize internal folder structures across departments, resulting in projected annual cost savings of $45,000.
- Deployed a production-ready FPGA front-end driver, contributing to module development, unit testing with xUnit, and formal acceptance test procedures in C#, accelerating hardware–software integration.
- Refactored and optimized internal instrument driver codebases, improving maintainability and performance of systems interfacing with VISA and IVI manufacturer drivers.

Honeywell — Jun. 2024 – Aug. 2024
Software Engineering Intern — *Kansas City, MO*

- Engineered a C# application to load control panels for IVI-compatible instruments based on existing codebase configuration, enabling simultaneous station and instrument testing.
- Executed a new test station setup process to integrate the application for instrument testing, improving qualification timeframe by 25%.
- Ensured backwards compatibility with past generations of test stations and enabled a modular CI/CD process for future maintenance.

Honeywell — Jun. 2023 – Aug. 2023
Software Engineering Intern — *Kansas City, MO*

- Developed a concise project plan to convert an internal Temperature Chamber interface from Visual Basic to C# following .NET industry standards.
- Designed and implemented a custom installer for the converted interface to provide cross-functional access across all Test Engineering divisions.
- Overhauled the legacy interface code with a streamlined C# codebase and created a quality assurance plan according to internal guidelines.

Tesla — Oct. 2022 – Jan. 2023
System and Software Engineering Intern — *Palo Alto, CA*

- Designed and engineered internal Low-/High-Level Station Monitoring Dashboards using Python, InfluxDB, and Grafana to provide real-time status updates across Industrial Energy Storage test stations; enabled efficient cross-implementation for Residential and Supercharger divisions.
- Developed Python automation scripts customized to each test station to maintain disk storage, upgrade internal Python packages, and check hardware component metrics.
- Implemented a real-time alert monitoring system integrated with Microsoft Teams API to send live alerts based on station changes to a dedicated Teams channel.

Projects

Crop D.O.C – Capstone | *React, Python, Flask, Firebase* — Jan 2024 – Dec 2024

- Built a full-stack mobile application using React Native, Firebase, and Flask to allow users to upload crop images and receive AI-based disease diagnosis
- Integrated Firebase Storage and Firestore to securely manage user-submitted images, custom crop names, and geolocation metadata.

Technical Skills

Languages: C#, Python, C++, Java, JavaScript
Technologies: React.js, React Native, Node.js, Flask, .NET Framework, Firebase
Tools: Git, Jenkins, Grafana, InfluxDB, NuGet, Visual Studio, xUnit