

Austin Tillotson

Software Engineer

atillotson07@gmail.com | [linkedin](#) | github.com/Austin-Tillotson | (321) 704-1819

Experience

L3Harris Technologies Inc. Palm Bay, FL

Software Engineer, February 2022 - *Present*

Web Development | April 2026 - *Present*

- Independently designed and built the initial beta version of an employee dashboard application from scratch.
- Developed reusable UI components for an internal component production framework.
- Diagnosed and resolved defects within the component framework, improving stability, maintainability, and developer experience.
- Delivered responsive web functionality using front-end development, component-based architecture, manual and unit testing, and bug resolution.
- Designed a harbor monitoring frontend page featuring live data and playback using CesiumJS, prompt and context engineering with Codex

Cyber | 2025 - 2026

- Developed features and resolved bugs supporting offensive cyber operations across desktop and mobile applications.
- Ported a major capability from the desktop application to the mobile platform.

Independent Feature Program | July 2022 - October 2022

- Independently assumed ownership of a complex feature within a legacy baseline that had not been actively developed for more than three years.
- Rapidly analyzed and learned the codebase and architecture to deliver in a three-month timeframe.
- Created an innovative technical design that reduced the development schedule by approximately one month.

Sustainment | 2022 - 2024

- Delivered multiple software features and resolved high-priority defects across production applications and hardware.
- Consistently completed assigned development work ahead of estimated timelines, earning an early-career RISE award.
- Improved application reliability through root-cause analysis, debugging, and testing.
- Learned and developed software across multiple large-scale Java baselines.

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Projects

[PassPoint](#) | *Full-stack Personal Password Manager* | August 2026

- Built a full-stack web application featuring user authentication, encrypted passwords, and password generator
- Skills: Angular JS, JavaScript, TypeScript, SCSS, ASP.NET, PostgreSQL, Docker

[BalancePoint](#) | *Frontend Financial Dashboard* | June 2026 - July 2026

- Built a responsive Next JS financial dashboard featuring interactive components, customized charts, and loading states
- Skills: React JS, JavaScript, TypeScript, Tailwind CSS, Recharts

Skills

Tools: Visual Studio Code, IntelliJ, Storybook, Docker

Technical: Java, JavaScript, TypeScript, Git, SQL, SCSS, Tailwind CSS, ASP.NET

Data: Firebase, PostgreSQL

Frameworks/Libraries: React JS, Next JS, Angular JS

AI: Copilot, Codex, Generative AI, Prompt engineering, Debugging, Error/log analysis

Education

University of Central Florida | August 2017 - December 2021

- B.A. in Computer Engineering

Frontend Now | April 2026 - present

- Frontend design bootcamp