

Aaron Huber

[linkedin](#) | [github](#) | [portfolio](#)

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EXPERIENCE

The Boeing Company | Software Development Engineer

January 2023 – Present | Support Systems Services | Menlo Park, CA

- Full Stack Developer (Angular, Java Spring Boot) upgrading a suite of airplane maintenance web applications from deprecated AngularJS to Angular v15 resulting in increased performance and scalability
- Created new Business Intelligence Reporting Tool (BIRT) reporting design that saves maintenance engineering customers 600 hours per year by removing manual data collection
- Generated new CI/CD Gitlab pipeline of Cypress end-to-end testing of our application eliminating manual tests
- Built custom docker image containing Node.js, Maven, JDK-17, and Cypress for deploying to our Gitlab pipeline
- Develop software within an Agile environment working with international team members
- Presented technical talk on Angular and Material Design best practices for internal organizational collaboration

The Boeing Company | ITCFP | Software Development Engineer

January 2022 – January 2023 | Seattle, WA

- Participated in IT Career Foundation Program that develops future IT leadership with 6-month rotations
- Mobile Developer (.NET, Maui, C#, Azure) supporting cross platform applications used by Sales Executives
- Full Stack Developer (Angular, Java Spring Boot) on Scrum-Agile team supporting web Single Sign On (SSO) authentication application that processes 600k+ requests per day for the entire company
- Created new test cases for all software improvements (JUnit, Karma) resulting in 100% coverage
- Developed Splunk dashboards to derive insights on user trends and behaviors

The Boeing Company | Mechanical Systems Engineer

January 2008 – January 2022 | BR&T Teardown Lab | Everett, WA

- Led large \$1M reverse engineering project of competitor's aircraft wing
- Captured 3D Laser geometry of entire wing using a Surphaser 100HSX. Post-processed CAD models using Polyworks and delivered results to 200+ engineers, executives, and business partners

EDUCATION

Stanford University | Master of Science in Computer Science

Stanford, CA | Expected Graduation May 2027

Oregon State University | Bachelor of Science in Computer Science

Corvallis, OR | March 2023

Michigan State University | Bachelor of Science in Mechanical Engineering

East Lansing, MI | August 2006

PERSONAL PROJECTS

Habit Tracker | JavaScript, HTML, CSS, Firebase

- Developed a full stack web app for tracking habits throughout the month. Interface is comprised entirely of dynamic implementation of 2D SVG elements. Webpack used as module bundler. Hosted on Google Cloud

smallsh | C, Linux | [github](#)

- Implemented a small shell program that mimics a bash shell by providing execution of foreground and background processes, input/output redirection, and various custom signal handlers

SKILLS

Languages: Java, C/C++, JavaScript/TypeScript, HTML, CSS

Frameworks: Express, Angular, Spring Boot

Misc: Linux, SQL, Node.js, Webpack, Jenkins, GitLab, Azure DevOps, Lightroom, Photoshop

Leadership: Plan and host monthly virtual technical events for 60+ participants of Boeing ITCFP

PROFESSIONAL RECOGNITIONS

4Q2015: Propulsion Engineer of the Quarter, 767 Tanker Body Fuel Tanks

2013: 767 Engineering Team of Year, 767 Tanker Body Fuel Tanks