

MATT HUTTER

Full Stack Software Engineer

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

Full Stack Software Engineer with 6 years as an A/V Technician, becoming skilled at troubleshooting complex systems under pressure, collaborating closely in teams of various sizes, understanding technical documentation, teaching technical concepts, and customer-facing interaction. Passionate about climate tech and the LGBTQ+ community.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML5, CSS3

Frameworks / Tools: React, Redux, Node.js, Express.js, Flask, Pandas, Docker, AWS S3, REST APIs, PostgreSQL

Key Skills: Git / GitHub, Pair Programming, Test Driven Development (TDD), Software Development Life Cycle (SDLC), Agile & Scrum Methodologies, Troubleshooting & Debugging, Data Structures & Algorithms

Other Skills: Open Source Contributor, Continuous Learner, Cross-Functional Collaboration

EXPERIENCE

Amazon Leo (formerly Project Kuiper) | Project Engineer

Sept 2024 - present

- Optimized hardware test software, reducing runtime by 60 seconds per test run and enabling 1-2 additional units per day (4-8% throughput increase), accelerating Amazon Leo satellite production to an additional 75 satellites per year
- Updated software to show current voltage vs max, saving 90 seconds if an operator exceeded the required voltage
- Evaluated vital hardware for optical tracking of satellites with lasers, increasing unit throughput by 40%
- Diagnosed failing units through additional manual testing, saving hours of manufacturing engineers' time
- Coordinated with software engineers, manufacturing engineers, and test engineers to update testing stations to increase ergonomics and efficiency by 20% while limiting downtime of testing capabilities

Gametime Hero | Software Engineer Intern

July 2024 - Oct 2024

- Built Firebase/ Firestore database integration to add 50+ Pickleball court locations across Seattle and Minneapolis, enabling users to add locations in the future and contributing to ~20% user growth
- Refactored the TypeScript and Angular codebase to fix bugs, improved functionality with new components, and removed unintended values, allowing only current events to display and streamlining finding events by ~15%

Heavy Resume | Software Engineer

April 2024 - June 2024

- Tested and reworked the build command for the PostgreSQL database to remove edge case failures, in order to improve the success rate by a full 100% and allowing the application to run
- Collaborated with 3 other developers and leveraged Python and ReactPy to build a responsive UI for user experiences outside of traditional employment in order to capture and share the potential value of the candidate

Meta (Contract) | Associate | Data & Operations

May 2023 - Feb 2024

- Troubleshooted and debugged proprietary AR/VR headset research software and cameras to reduce downtime by 50% by analyzing the command line interface and tracking errors to isolate and correct the issue
- Strictly adhered to provided technical documentation to prevent issues with equipment and software while ensuring successful and complete collections with over 95% uptime
- Manipulated and queried data sets utilizing Python, Pandas, SQL, and RegEx to improve data searches by 20%

OPEN SOURCE CONTRIBUTIONS

Software Engineer, KlimatKollen [Live Site](#) | [GitHub](#)

April 2024 - Present

An open-source and citizen-driven climate data platform aimed at visualizing climate data in Sweden

- Partnered with an international engineering team to refactor and update data points to provide the most up-to-date and vital climate data and statistics to ~10.5 million Swedish residents
- Leveraged tools like DeepL translator, in order to refactor Swedish code as an English-speaking developer while utilizing TypeScript and Next.js

PROJECTS

Flying Fox (JavaScript/ TypeScript, Python, React, Redux, Flask, HTML, CSS, AWS)

[Live Site](#) | [Github](#)

- Implemented a Local Storage shopping cart to eliminate standby time by avoiding calls to the database
- Integrated AWS S3 buckets to facilitate custom image upload and hosting with new reviews to show the item in use
- Equipped the react-image-gallery NPM package to display an image gallery and carousel on items and homepage
- Assembled a backend using Python with Flask and SQLAlchemy to create a lightweight API with RESTful routes

Eatsy (Project w/ 4 devs - JavaScript, Python, React, Redux, Flask, HTML, CSS)

[Github](#)

- Designed search bar with developer team using React and useQuery to find items by title or description
- Implemented Higher Order Components with React to display item pages and item cards, keeping the code DRY
- Built dynamic review component with star ratings using React to display a visual representation of given reviews

SoundCloud (JavaScript, NodeJS, Express, React / Redux, HTML, CSS)

[Live Site](#) | [Github](#)

- Created individual pages for songs with a comment system styled using CSS to provide a seamless design
- Rendered unique homepage for authenticated users to provide a personalized user experience (UX)
- Incorporated an NPM package for persistent audio playback while navigating the app with React Router Dom
- Engineered an Express server with Node.js and established multiple RESTful APIs for future expansion

EDUCATION

App Academy

Full Stack Software Engineering

Apr - Dec 2022

University of Alaska Fairbanks

Bachelor of Arts in Psychology

Sep 2008 - May 2011