

Anthony Harpestad

Software Engineer

tyharpo12@gmail.com • (507) 701-9701
[GitHub](#) • [Portfolio](#) • [LinkedIn](#) • Worcester, MA 01606

Qualifications Summary

Tech-savvy individual with hands-on experience in software engineering, web application development, and project management. Capable of coordinating Software Development Lifecycle (SDLC), including planning, analysis, design, development, testing, implementation, and maintenance. Demonstrated ability to manage and deliver software engineering projects as per specifications. Knowledgeable in implementing architecture concepts for IT systems and facilitating the development of flexible solutions. Skilled in identifying and meeting clients' requirements and ensuring maximum satisfaction.

Technical Proficiencies

Programming Languages: JavaScript, SQL, HTML, CSS, Markdown

Frameworks: React, Node.js, sequelize

Databases: MongoDB, PostgreSQL

Tools: Git, GitHub, Express, Mongoose, JSON

Key Projects

Rate-My-PC-Setup | [GitHub](#) | [Deployed](#)

- *Designed and developed innovative Rate-My-PC-Setup website/app, leveraging MongoDB, JavaScript, CSS, React.js, and Heroku technologies.*
- *Identified emerging needs and introduced PC specification and rating website for computer enthusiasts and experts to rate various technologies from best to worst performance/specification and provide valuable insight.*
- *Facilitated diverse range of computer and gaming enthusiasts with prompt PC insights and reviews.*

Sous Chef | [GitHub](#) | [Deployed](#)

- *Utilized advanced knowledge of PostgreSQL, CSS, JavaScript, Express, React.js, Node.js programming languages, and Heroku cloud application technology.*
- *Led all aspects of Git for this app and executed React.js/Node.js developer tasks with exceptional programming skills.*
- *Developed interactive online platform which provides diverse range of dishes from all over the world and allows users to contribute their own recipes.*

Breakout | [GitHub](#) | [Deployed](#)

- *Conceptualized, designed, and deployed iconic Breakout game built with HTML, CSS, and JavaScript languages.*
- *Revamped version of original arcade game "Atari" with advanced technology blend and new concept twist, utilizing a board without canvas.*

Thrill Ride Share | [GitHub](#) | [Deployed](#)

- *Planned and finalized from conceptualization to development of Thrill ride share, providing thrill ride share parks and experiences.*
- *Designed with CSS, React.js, Node.js and developed database with MongoDB, Mongoose, Express, and leveraged Heroku cloud application platform to deploy, manage, and scale apps.*
- *Managed database website focused on comprehensive information on theme parks and rides by acting as Git lead, Database Manager, and Back-End Lead Developer.*

Career Experience

Bombardier Service Center | Hartford, CT
Maintenance Avionics Technician

2022 – 2023

Determined avionics concerns and executed troubleshooting and maintenance processes for resolving problems effectively. Collaborated with diverse team of four technicians to conduct thorough inspections, implement troubleshooting/repairing processes, and modify requisite aircraft avionics. Oversaw mechanical drawings and installed advanced tech from wiring to configuring. Monitored and resolved all emerging concerns/technical issues by installing new and requisite components or continuing fixing/repairing for remaining issues left by other teams.

- *Led, trained, and guided competent associate by cultivating technical/professional skills with inspiring leadership.*

NexAir Avionics | Plymouth, MA
Maintenance Avionics Technician

2021 – 2022

Identified needs and emplaced cutting-edge aviation navigation systems and programmed each installed component. Interacted with potential customers and collected customer requirements to provide viable and necessary installation insight. Evaluated and addressed technical faults on a priority basis.

- Implemented advanced aviation navigation systems, resulting in improved flight safety and accuracy.
- Ensured proper functioning and seamless integration with existing technology by programming each installed component of the navigation systems.
- Interacted with potential customers and gathered their specific requirements to provide customized and effective installation solutions.
- Evaluated and proactively addressed technical faults on priority basis, minimizing downtime and maximizing system availability.
- Maintained high level of attention to detail, ensuring that all installed components met industry standards and complied with safety regulations.

Education & Credentials

General Assembly | Software Engineer Immersive graduate

Online, 2023

Certification in Aviation Maintenance Technology

National Aviation Academy, Concord, MA, 2021