Jacob Rogers

(603) 686-3109, rogersair2@outlook.com

linkedin.com/in/jacob-rogers-3b8332151, https://jacobrogers603.github.io/jacob_rogers_portfolio

SKILLS

<u>Languages</u>:	C#, JavaScript, TypeScript, HTML, CSS, JSON, Python
<u>IDEs & Dev Tools</u>:	Visual Studio, VS Code, Unity, Git, Docker, TFVC
<u>Project Management</u>:	Agile, Azure DevOps, Jira
<u>Frameworks & Libraries</u>:	React, Next.js, Next Auth, ECS
<u>Database</u>:	MongoDB, SQL

EXPERIENCE

SOFTWARE ENGINEER / WEB DEVELOPER

<u>Edaptive Computing Inc.</u>   *July 2024-May 2025*

- **Automate 2.0 Web App Development:** Worked on developing the Automate app that is used by thousands of military and government employees.
- **C# Backend Development**: Designed and tweaked numerous classes and systems in the backend of the app.
- **React TypeScript Development:** Worked with React using TypeScript to act as the frontend of our app and connect to the backend with DTOs.
- **SQL Database:** Integrated all systems to work with the SQL database that the app was using.
- **Docker Containers:** Used Docker Desktop containers and images to run the app with PowerShell Scripts.

SOFTWARE ENGINEER / SUB-LEAD

<u>Proactive Technologies Inc.</u>   *August 2022-Feburary 2024*

- **Unity & C# Development**: Played an integral role in the development of military training simulations using Unity and C# on the Electronic Technician Radar Trainer and Advanced Arresting Gear Trainer.
- **Customer Interactions:** Led in-person demonstrations, garnering positive feedback, and fostering a strong relationship with a principal client, the US Navy.
- **ECS Pattern and Tool Expertise:** Employed the Entity Component System (ECS) pattern during development. Utilized tools like Visual Studio and Team Foundation Version Control (TFVC).
- **Systems Engineering:** Stepped into the role of a systems engineer when needed for faster progress.
  - Refined system requirements to ensure realism and accuracy.
  - Translated these requirements into functional components in the simulation in config files.

EDUCATION

B.S. IN COMPUTER SCIENCE

<u>University of Central Florida</u>   *Graduated December 2021*

- Accumulated GPA: 3.5

WEB DEVELOPMENT PORTFOLIO

A portfolio of various web development projects I have made, linked at the top of the page and here.

- **Mark My Words:** A full stack web app I built that provides an online profile for storing and sharing markdown notes; complete with features such as image support, collaboration, downloading and uploading, and more. For more information and a live demo see my portfolio.
- **Other Projects:** Full stack Netflix clone, frontEndMentor.io challenges, custom build portfolio website

REFERENCES: *Available upon request.*