Ryan Kline

[LinkedIn](#) | [GitHub](#)

Education

Grand Valley State University   August 2019 – December 2023
Bachelor of Science in Computer Science   Allendale, MI

- GPA: 3.24
- Alternative Breaks Volunteer

Experience

Application Development Analyst   January 2024 - Present
Corewell Health   Grand Rapids, MI

- Contributed to a proof-of-concept implementation of backend cloud infrastructure-as-code utilizing AWS CDK written in Python and .NET 6.

Intern, Web Developer   May 2023 – December 2023
Corewell Health   Grand Rapids, MI

- Gained experience working on a development team utilizing the Scaled Agile Framework (SAFe)
- Implemented two single-sign-on (SSO) features utilizing OAuth2.0 between our application and 3rd party vendors to allow our users to view prior authorization requirements and procedure cost estimations.
- Collaborated with our Salesforce developers to integrate an Einstein chatbot within our Angular application to help users with common tasks such as viewing their deductible, ordering a new ID card, or starting a chat with a customer service representative.

Intern, Electronics Engineer (Software)   May 2022 – May 2023
DISHER   Zeeland, MI

- Developed skills in embedded GUI development, system testing, computer vision, and full-stack app development while also building an understanding of the hardware level and working within their constraints.
- Learned how to work effectively with an interdisciplinary team of engineers and communicate with stakeholders to ensure the product meets their requirements.

Technical Skills

Languages: Python, JavaScript/TypeScript, C#, Java, C/C++, Go
Developer Tools: Git, Docker, Jenkins, AWS, Azure, OpenShift, Linux/WSL, Oracle, Postgres
Frameworks/Libraries: React, Angular, .NET, Spring Boot, AWS CDK, Qt, PyTest

Projects

Data Center Infrastructure Management System – As part of my capstone project at GVSU, I paired up with two fellow students to build upon an existing application to help IT professionals at a global furniture manufacturing company configure, manage, and identify critical issues within their data centers. (***React/NodeJS/Azure/ServiceNow***)

Super Smash Bros. Melee AI – Using an expert-system style approach, I created an AI agent capable of playing Super Smash Bros. Melee. A Python script reads in directly from the games memory to access important state like player location, health, and remaining lives to make informed decisions on what actions to take at any given moment. (***Python***)