Rusty Hermansen

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GitHub [Rusty-Hermansen](#)   🌐 [LinkedIn](#)

Summary

Software engineering major with an interest in DevOps and a deep desire to contribute, learn, discover, empower others, and build excellent software that enriches the lives of others.

Skills and Interests

- Languages and Technologies: Most proficient in C#, Java, Python with some familiarity in Terraform, Saltstack, Gitlab CI, Helm, AWS, Docker, Kubernetes, PostgresSQL, Serilog, HTML, CSS, JavaScript, and Git
- Methodologies: agile/scrum
- Interests include: DevOps, CI/CD, cloud technologies, machine learning, software design patterns and architecture, RESTful APIs, and data structures

Accomplishments

Intern Showcase

Developed a simple Dotnet 5 web application to showcase knowledge obtained during internship

- Terraform was used to provision Kubernetes namespace on Pluralsight staging cluster
- Created deployment pipeline using Gitlab CI
- Helm configured Kubernetes cluster within the Gitlab pipeline

PriceGen

Developed a Python application to increase productivity by reducing the time taken to generate a price list of commonly sold lumber items

- Pandas dataframe was used to display a formatted price list
- SQLite database stored data
- FPDF wrote formatted data to PDF file
- Made a Windows executable with PyInstaller

Education

Snow College
Ephraim, Utah
B.S. Software Engineering
Expected Graduation Date: May 2022

- Major GPA: 3.84/4.0
- Cumulative GPA: 3.32/4.00

Employment

Pluralsight
Draper, UT
DevOps Engineer Intern
May 2021-August 2021

- Shadowed Senior Engineers and assisted in their work
- Presented on AWS Systems Manager
- Created and presented an intern showcase project
- Assisted standing up Pluralsight architecture in a disaster recovery exercise and an exercise to stand up infrastructure in a new AWS region

Horseshoe Mountain Home Center
Mt. Pleasant, UT
Assistant Lumber Manager
July 2010-Current

- Lead a team of 2-4 to complete orders
- Streamlined pricing procedures using PriceGen
- Managed inventory
- Provided excellent customer service