

Luke Belinc

As a Software Engineer and Full Stack Web Developer, I am experienced in contributing to team success through the art of software development and dedication to my craft. Rooted in a passion for learning, I have built a strong skill set which includes 5+ years' experience in applying Object-Oriented and Functional programming techniques.

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Experience

Associate Software Engineer

Verint Systems
02/2022-08/2022

- Built and maintained internal software tools for the Experience Management Product Support organization
- Automated workflows to create efficiency of scale while also reducing manual errors
- Delivered continuous QoL updates to legacy software and systems
- Built and deployed single page web applications via AWS EC2
- Tasked with providing all necessary CLI training to colleagues
- Coordinated multiple projects from initial planning through deployment
- Acted as admin for 20+ mission critical PowerBI waterfall reports and data gateways
- Utilized Agile software development approach with each project
- Doubled 2022 annual release target goal by August

Systems Programmer

WSU-Huang Lab
03/2020-10/2020

- Built software extensions for the GEOS-Chem and WRF-Chem modeling systems
- Drew up comprehensive bug reports to identify pain points and provided solutions
- Authored scripts to interpret and generate maps from atmospheric data models
- Automated software execution and data collection using Bash, cron, and Slurm via WSU's HPC
- Implemented GNU Make to automate software builds
- Held regular CLI training sessions with research students

Skill Set

Languages C, C++, C#, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS, Go, Bash, Haskell, CommonLisp, FORTRAN, Ruby

Frameworks/Libraries Angular, React, Express, Jasmine, POSIX, pandas, Tkinter, NumPy, NLTK, Qt, .NET, ASP.NET, jQuery, Rails

Tools Unix shells (zsh, sh, Bash), GNU coreutils, Vim, Slurm, cron, PowerShell, Git, Node.js, \LaTeX , AWS (S3, EC2, Lambda), Database Management Systems (PostgreSQL, MySQL, Oracle Database), Jira, Confluence

Methodologies Agile, CI/CD, Behavior- and Test-driven development

Projects/Hackathons

Advent of Code Various code challenges completed using Haskell, C++, and Python

DHack Designed health monitoring app using AWS Lambda, JavaScript and React Native. Won 2nd place overall and 1st place for the FitBit challenge.

MHacks 8 Designed set of dev tools for remote maintainance of GM Console software. Used C, JavaScript, and Wayland to manipulate system and interact with screen remotely.

Chinese Character Dictionary Designed a simple character meaning and stroke order dictionary and thesaurus using Python, PostgreSQL, and Qt

Mock Terminal POSIX shell built in C

Education

Wayne State University
B.S. in Computer Science
Detroit, MI
2016-2021

References

Matt Crawford
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Matthew Heinrich
Engineer, DevOps
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