JACK PFEIFFER

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OBJECTIVE

Results-driven software engineer passionate about learning and implementing new technologies. Committed to delivering innovative solutions that optimize efficiency and enhance user experiences. Seeking a challenging position to leverage technical skills, problem-solving abilities, and adaptability.

EXPERIENCE

Full Stack Software Engineer
iStream Financial Services
Aug 2020 - Present

- Worked on Jira tickets based on business requests, bugs and technical debt.
- Handpicked for designing and implementing new features and processes.
- Reimplemented legacy batch processes in AWS as ECS tasks and lambda functions.
- Wrote libraries for sending and receiving files on remote servers and with the Federal Reserve.
- Reduced infrastructure cost dramatically by reimplementing core parser logic in PLV8 SQL code.
- Contributed to various internal conversations discussing and refining the development process.

Software Engineering Intern
Johnson Controls
Jun 2018 – Dec 2018

- Core Platforms & Security team.
- Worked with Docker containers and Wind River BSP technologies.
- Integrated Fuego and LAVA test systems with Jenkins CI/CD systems for automated testing of bare metal, embedded targets.

Student Lead
Marquette University – IT Services
Mar 2018 – May 2020

- Pre-staged, imaged, and configured computers campus-wide while troubleshooting and resolving issues throughout the process.
- Updated and refined processes yearly.
- Installed computers for faculty and staff of varying disciplines and technical backgrounds.
- Managed team of 8-10 student employees.
- Built a MySQL connected web dashboard for tracking deployments.

EDUCATION

Bachelor of Science, Computer Science
Marquette University
Aug 2017 – May 2020

- Teaching Assistant for 4 upper-level computer science courses.
- Undergraduate Research Assistant working on embedded systems and operating systems.
- Volunteer instructor for Intro to Computer Science class at an inner-city high school.
- Built website for Marquette ACM Chapter (mu.acm.org) while organization president.

University of Wisconsin – Whitewater
Aug 2016 – May 2017

SKILLS

Problem Solving • Project Management • Leadership

LANGUAGES

HTML/HTML5 • CSS/CSS3 • Java • JavaScript / TypeScript • Python • C • PHP • SQL • Bash / Shell

TOOLS / FRAMEWORKS

Git • Node.js • React • AWS • Flask • NoSQL • Docker

PROJECTS / ACTIVITIES

Abacus
codeabac.us

Built a remote code execution web application from the ground up using AWS, React and NodeJS. Used to carry out programming competitions remotely during the pandemic. The application has continued to be used since 2021 for both in person and remote participants. Marquette Computer Science has offered students course credit to learn and grow this technology.

GDG DevFest 2019
UW-Milwaukee

1st Place (Team of 3) – Created a location-based check in app to forecast crowds and atmosphere of bars and restaurants.

ICPC 2019
North Central Region

International Collegiate Programming Content Participant

REFERENCES UPON REQUEST