Jasper Edbrooke

jasperedbrooke@gmail.com
github.com/jedbrooke
jedbrooke.tech

WORK EXPERIENCE

Amazon Web Services Inc

Seattle, WA — *Software Development Engineer - DynamoDB Global Tables*   Sep 2022 - Current

- Oversee operations for a distributed system leveraging AWS Cloud technologies including CloudFormation, CodeDeploy, EC2, CloudWatch, SQS, and DynamoDB.
- Spearhead investigations into AWS infrastructure usage, driving a 20% annual savings in cloud spend. Develop dynamic dashboards to pinpoint and address AWS CloudWatch usage inefficiencies
- Maintain and expand AWS DynamoDB Global Tables across 30+ regions, facilitating operations exceeding 100 million writes per second.
- Coordinate software patching efforts involving multiple teams for a fleet of over 10,000 hosts to reach tight compliance deadlines.
- Devise tools for internal use to automate various clean up actions in our production environment
- Manage product operations and on-call responsibilities, resolving 15 high-severity tickets weekly
- Assisted with onboarding new team members by providing training on project workflows, tools, and best practices, contributing to a smoother transition and quicker integration into the team
- Implement comprehensive software testing with JUnit and Mockito, achieving over 80% test coverage in a Java codebase.

CompTechs

Cupertino, CA — *Computer Lab Technician*   Sept 2018 - Aug 2019

- Diagnosed and fixed problems with computer systems through rigorous troubleshooting strategy
- Installed Windows 10 and applications, software, drivers for compatibility with operating system
- Refurbished, repaired, and provided computers for dozens of disadvantaged students

CLIPCO

Cupertino, CA — *Solo Full Stack Developer*   Jun 2017 - Apr 2019

- Designed and developed a website catering to 1000 users, employing HTML, CSS, Bootstrap, and PHP
- Implemented backend workflow automation in PHP, resulting in a weekly time-saving of 2 hours
- Collaborated with stakeholders bi-weekly to discuss and enhance website content and features

EDUCATION

University Of California, Los Angeles

Los Angeles, CA — *Bachelor degree in Computer Science*   graduated Dec 2021

SKILLS

Programming Languages, Frameworks, and Technologies:

- Professional Experience: Java, Python, JUnit, Mockito, git, AWS, distributed systems, CloudFormation, CodeDeploy, EC2, CloudWatch, SQS, and DynamoDB
- Familiar with: C/C++, CUDA, CMake, Makefile, Verilog, Jupyter, Docker, Unix/Linux