

Adam B. Harwell

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SUMMARY

I am a highly motivated and quick learning programmer with a passion for problem solving. I value "why" just as much as "how". I will never hesitate to dive headfirst into something new. I have a great deal of experience with Open Source development and Agile project management, as well as remote work with geographically distributed teams. I design systems to be resilient and scalable. I value open and honest communication and enjoy working in a positive, can-do environment.

Anything is possible.

SKILLS

- Focus on Python, Java, and SQL, with basic knowledge of many others.
- Linux system administration (primarily Debian/Ubuntu), and BASH scripting.
- Web development (HTML/CSS/JS) including TypeScript/Node.js.
- Scalability, cloud-oriented design and automated CI/CD (using Ansible, Chef, and Terraform).
- Home automation enthusiast!

EXPERIENCE

Oath / Verizon Media / Yahoo Inc, Senior Software Engineer	2018-2024
• Managed cloud security policy enforcement in AWS/GCP using a custom serverless architecture, as well as maintaining a legacy solution using cloud-custodian.	
• Deployed, maintained, and developed features for various OpenStack services (eg: Nova, Neutron, Ironic), with a focus on Cloud Load Balancing (Octavia). [Python]	
• Elected as the Project Team Lead for Octavia during the Stein and Train cycles.	
GoDaddy, Software Engineer III	2016-2018
• Research and development for deployment of Cloud Load Balancing as a Service, using Octavia and Neutron-LBaaS with kolla-ansible and k8s. [Python]	
Rackspace, Software Developer II	2013-2016
• Helped architect the Octavia Load Balancing project from inception, and contributed extensively to the design of Neutron-LBaaS version 2.	
• Core Reviewer for two OpenStack projects: Neutron-LBaaS and Octavia, as well as contributor to Barbican and various others. [Python, MySQL]	
• Performed general maintenance tasks and feature additions for the legacy Cloud Load Balancing service. [Java, MySQL]	
Valero Energy Corporation, SAP Analyst	2010-2013
• Developed, tested, and released new features for the SAP Identity Management tool, including a complete UI overhaul. [ABAP, Java, Javascript, MSSQL]	
• Architect for phase one of a new refinery maintenance planning and scheduling system.	

EDUCATION

Bachelor of Science in Computer Science	2005-2009
<i>Trinity University, San Antonio, Texas</i>	