

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

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| Oath / Verizon Media / Yahoo Inc, Senior Software Engineer | 2018-2024 |
| <ul style="list-style-type: none">● 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 |
| <ul style="list-style-type: none">● 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 |
| <ul style="list-style-type: none">● 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 |
| <ul style="list-style-type: none">● 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

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