

Name Lastname

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Summary of Qualifications

Full-stack engineer, experienced in designing and implementing scripts, circuits, programs, and applications. Well-versed in OOP design and TDD/BDD, with a focus on creating maintainable, well-structured code while being mindful of time and resource constraints. Extensive real-world devops experience in administering Linux systems and operations, tracing logfiles and monitoring, and efficiently troubleshooting problems whether in production or development.

Able to quickly understand and acclimate to large projects and systems, engaging productively within a team to help best use members' individual skills. Also adept at working with end-users personably and comfortably. Particularly passionate about charts, graphs, mapping, and other beautiful data.

Proficiencies:

● Experienced ● Familiar ◉ Worked with ◉ Interested in

● AngularJS	● C#	◉ Haskell	● PHP	● ReactJS	● Vim
● Ansible	● CakePHP	● Java	● Perl	◉ Ruby	● Xdebug
● Bash	● Chef	● Javascript	◉ Piet	◉ Rust	◉ Z80/MIPS
● BigQuery	● Flask	◉ MATLAB	● Puppet	● SQLAlchemy	Assembly
● C/C++	● Git	● MySQL	● Python	◉ Scala	
● CSS3	● HTML5	● Node.js	● R	● Vagrant	

Experience

CTO - *SaaS App, Portland, OR, September 2009 – Present*

- Build PaaS web analytics application from the ground up to over 400 customers and \$60k MRR
- Plan long-term and short-term roadmaps for the company in cooperation with CEO
- Evaluate feature requests and future plans, determining feasibility and priority
- Manage junior developer, assigning tasks, assisting with questions, and introducing to the codebase
- Administer fleet of dozens of Linux servers using Puppet, Ansible, and Chef
- Provision servers from diverse providers including Linode, DigitalOcean, AWS, and collocated bare-metal
- Maintain and improve queue-worker cluster using several stages to process data from >500k daily jobs
- Manage database servers and schema for 250GB dataset with >1m rows added per day
- Update data and structure to adapt to changing needs of the application
- Supervise transition to a sharded HA database cluster using MySQL Fabric and data warehousing
- Add functionality and fix bugs in outdated C++ extension, allowing PHP to connect to current Fabric
- Write hundreds of unit tests to cover thousands of LOC, and set up Jenkins continuous integration server
- Perform cleanup and consistency checks on BigQuery datasets for secondary analysis of data
- Build out monitoring system with TICK stack and Grafana to create a dashboard for application processes
- Attend to any other technical needs as the company develops them

IT Specialist - *Seattle Fire Department, Seattle, WA, September 2010 – June 2011*

- Tested and filed bug reports for custom in-house applications on a variety of platforms
- Performed initial research to suggest fixes to development team
- Assisted in application development as needed
- Developed utilities for better management of custom applications, including adding them to a Git repository
- Created and cleaned up Visio drawings of building layouts for firefighter reference

Summer Software/Hardware Intern - *Fluke Corporation, Everett, WA, June 2010 – September 2010*

- Modified software and hardware in an existing product to meet higher safety requirements
- Wrote firmware to support new hardware in existing codebase, complying to coding standards and structure
- Worked as part of a team of software and hardware engineers to design part of a complex system

Creator - *QuoteBook Facebook application, December 2006 – January 2010*

- Developed a Facebook app dedicated to adding and sharing quotes from friends and others
- Wrote and maintained full stack with PHP, MySQL, HTML/CSS
- At its peak, 30,000 Facebook users had added 120,000 quotes

Education

Bachelor of Science, Computer Science

Bachelor of Science, Electrical Engineering - *Seattle Pacific University, June 2011*