

# Name Lastname

Portland, OR | 555.867.5309 | professional.email@gmail.com  
myportfolio.com · github.com/username

## Summary of Qualifications

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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, including tracing logfiles, 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, communicating technical issues in an accessible manner. 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

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### CTO - SaaS Co, Portland, OR, September 2009 – March 2017

- Built SaaS web analytics application from the ground up to over 400 customers and \$60k MRR
- Planned long-term and short-term roadmaps for the company in cooperation with CEO
- Evaluated feature requests and future plans, determining feasibility and priority
- Managed junior developer, assigning tasks, assisting with questions, and introducing to the codebase
- Developed Puppet spec for dozens of Linux servers, increasing reliability and reducing deploy time 10x
- Provisioned machines from diverse providers including Linode, DigitalOcean, AWS, and collocated bare-metal
- Maintained and improved queue-worker cluster using several stages to process data from >500k daily jobs
- Managed MySQL servers and schema for 250GB dataset with >1m rows added per day
- Supervised transition to a sharded HA database cluster using MySQL Fabric and data warehousing, improving loadtime of most-used page >100x for large customers
- Added functionality and fixed bugs in outdated C++ extension, allowing PHP to connect to current Fabric
- Wrote hundreds of unit tests to cover thousands of LOC with custom Jenkins continuous integration server
- Ensured data passed to BigQuery for secondary analysis was clean and consistent with primary store
- Built monitoring system with TICK stack and Grafana, improving issue response time and speeding diagnosis

### 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

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Bachelor of Science, Computer Science

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