

Name Lastname

Full-stack Engineer

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myportfolio.com · github.com/username

Summary of Qualifications

Skills:

- Designing and implementing scripts, circuits, programs, and applications
- Creating maintainable, well-structured code while being mindful of time and resource constraints
- Administering Linux systems, tracing logfiles and monitoring, efficiently troubleshooting problems
- Quickly understanding and acclimating to large projects and systems, well-versed in OOP design and TDD/BDD
- Engaging productively within a team to help best use members' individual skills
- Working and communicating with end-users personably and comfortably
- Creating charts, graphs, maps, and other beautiful data

Proficiencies:

- Languages:
 - Experienced in PHP, Javascript, Python, Puppet, SQL, HTML5/CSS3
 - Familiar with C, C++, C#, Java, BigQuery, R, Node.js, Chef, Ansible, Perl, Bash scripting
 - Dabbled in/interested in Ruby, Rust, Scala, Haskell, Piet, MATLAB, Z80/M8C/MIPS Assembly
- Primary framework experience in AngularJS and CakePHP, familiar with ReactJS, SQLAlchemy, Flask
- Main tools and platforms used include LAMP stack, Vim, Git, Vagrant, XDebug, GNU utilities

Experience

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- Added functionality and fixed bugs in outdated C++ extension, allowing PHP to connect to current Fabric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

Bachelor of Science, Computer Science

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