

DEREK M. ELDER

OBJECTIVE

To continue sharpening my DevOps skills by creating new and exciting tools to help companies solve problems and automate work.

EDUCATION

B.S. Computer Science, University of California, Irvine Fall 2009 - Fall 2011

3.67 GPA, Dean's List Winter 2010 - Fall 2011, Graduated Cum Laude

A.A., Transfer Studies, El Camino College, Torrance Fall 2006 - Spring 2009

3.36 GPA, Dean's List Fall 2006 and Spring 2008, Honors Transfer Program

WORK EXPERIENCE

Flexion Inc. Nov. 2020- Present

- Full Stack Developer
- Worked on a three month POC evaluating Dremio as a data lake provider and business intelligence tool for several different databases, including Oracle, PostgreSQL, and S3.
- Helped set up and test a variety of static and software composition analysis tools that will end up supporting six hundred repositories and eleven million lines of code.
- Worked with the USGS on the National Water Information System (NWIS) modernization efforts on several different projects primarily utilizing Vue.js, and GitLab pipelines. Helped fix bugs, introduce new functionality, and write documentation.

NextGen Healthcare, Irvine Oct. 2016 - Aug. 2019

- Engineer II, DevOps
- Took over as Mirth Appliance project lead in 2016 and was responsible for laying out the roadmap, improving the code, and training a team in Bangalore to take over the Mirth Appliance project.
- In addition to maintaining Roundup, other responsibilities included maintaining several other internal web applications and Node.js tools used for automating deployments, onboarding new users, enhancing company security, and generating data analytics.
- Helped bridge the CI/CD gap in the software pipeline by crafting a script to download a zip file from Jenkins, bundle Ansible scripts and Appliance code into a software update, and made it available to testers and customers.
- Gained more experience with AWS tools, Terraform, and Git

Mirth Corporation, Costa Mesa Mar. 2013 - Oct. 2016

- Software Engineer
- Developed an in-house Java web application called Roundup using the Play Framework, Bootstrap, AngularJS, and Elasticsearch. Roundup was designed to organize data for the Mirth Appliance inventory of 4000 Appliances and be easier to navigate and more secure.
- Spent a majority of the time working on the Mirth Appliance product, a LAPP web application used to run and deploy Mirth software. Worked under the lead developer to write front end code using HTML CSS, jQuery, and AngularJS. Also troubleshoot back end PHP, PostgreSQL and CentOS issues.
- Helped transition most Bash shell scripts to Chef and later to Ansible.
- Documented the software architecture and coding practices on the Confluence wiki, ran Nessus security scans against the software, created new hardware images with Packer for hardware Appliances, and packaged software updates for customers.

Mirth Corporation, Irvine Mar. 2012 - Mar. 2013

- Help Desk Engineer
- Answered customer calls and e-mails. Jumped on conference calls to troubleshoot issues with other team members. Resolved hundreds of support tickets across the entire Mirth product line.
- Wrote up FAQs in SugarCRM and the company Confluence wiki.
- Escalated issues as needed to senior developers in Jira.
- Mirth Certified

SKILLS

Excellent reading, writing, and organizational skills.

Languages: Java, PHP, C++, C#, Python, Bash, AngularJS, Node.js, Vue.js, HTML, CSS

Database Software: PostgreSQL, MySQL, SQLite, MongoDB

Operating Systems: Windows, Mac OS X, CentOS and Ubuntu Linux

Applications and Miscellany: SVN, Git, GitLab, Chef, Packer, Ansible, Terraform, Docker, Serverless Framework, AWS (EC2, S3, Route53, CloudWatch, CloudFormation, Lambda), IntelliJ IDEA, Eclipse, Microsoft Visual Studio, Visual Studio Code, VMware Fusion and Workstation, Maven, Jenkins, Rundeck, Glassfish, Payara, Bootstrap, Elasticsearch, Apache, Nginx, Selenium, Nessus, SonarQube, Codacy, WhiteSource, Snyk, Mediawiki, Play Framework, Dremio, Atlassian Products (Jira, Confluence, BitBucket, Sourcetree, FishEye), Microsoft Office, Google Drive, Sublime Text, Atom, Balsamiq Mockups