

# NATHANIAL FINE

DevOps and Software Engineer

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## Experience

Senior Associate, Infosys

August 2017 - Current

DevOps  
Automation Development  
System administration

CI/CD Migration  
Jenkins  
Ansible

### Apple

- Firewall, DNS and SSL Certificate Administration for over 100 internal and external facing services
- Virtual Machine resource pool management which includes provisioning, monitoring and decommissioning
- Develop OS patching automation that removed a monthly 4 hour downtime on each of our production Druid clusters
- Onboard new and existing applications to Jenkins from their existing proprietary CI/CD Pipeline

### Wells Fargo

- Migrate 20 applications from manual builds and deployments, to a CI/CD pipeline using Jenkins, Team Foundation Server, Artifactory and IBM UrbanCode Deploy

### Charles Schwab

- Setup and maintaining an Atlassian Stack (Bamboo, Bitbucket, etc.), Nexus Maven Repositories, Sonarqube, Splunk, Jenkins
- Automation Development and Systems Administration for Windows and Linux environments with Bash and Powershell that allows for automatic systems resource management. Tools I developed reduced incoming tickets by ~100 per week as well as increased uptime on system build agents by ~25%

Software Developer, Revature

May 2017 - August 2017

Java  
Spring Framework  
AngularJS

Amazon Web Services  
Oracle 11g  
JavaScript

- Java Development with Hibernate, JDBC, Spring framework with Jenkins for Continuous Integration
- Web Development and Unit Testing with Spring MVC and jQuery and AngularJS
- Linux System Administration on Amazon Web Service's AMI
- Database Administration through Amazon Web Services' Relational Database Service with Oracle 11g and SQL Developer
- Lead Developer for the Bootcamp Agenda Manager API that connected the AngularJS frontend to the Spring MVC and Hibernate backend as well as mimic a Salesforce API

Web and Mobile Developer, Indiana State University

September 2015 - May 2017

Windows and Linux Administration  
Project Management  
Java

iOS and Android App Development  
PHP  
MySQL

- Windows and Linux system administration for 50 independent digital signage systems
- Java/Web Application Development for Faculty and Staff projects
- Lead and teach other student employees in Software Development and IT skills
- Lead Developer of Mom 101, a pregnancy information application for new and growing families for iOS and Android

## Education

B.S. in Computer Science at Indiana State University

- 16th Place Regionally in the ICPC programming competition in the Fall of 2016
- Tutor for a Computer Science class in web development and basic Linux command line tools
- Graduation May 2017