MILES FLORENCE SOFTWARE DEVELOPER

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SUMMARY

I am a Software Developer looking to join a small-to-medium sized company in the Information Security space. My background is in NodeJS Full-Stack development and education, but I also have certifications in Application and Network-based Penetration Testing. I believe it's important to build relationships around education, skill-exchange and continued improvement in any organization.

SKILLS

FRONTEND: AngularJS, Bootstrap, CSS 3, jQuery, Materialize, React
BACKEND: Express.js, GoLang, Knex.js (ORM), Linux Administration, Node.js, Python
DATABASE ARCHITECTURE & MANAGEMENT: MongoDB, MongoDB Atlas, PostgreSQL
SECURITY: AppSec Implementation, Digital Forensics, Incident Response, Kali, Metasploit, OSINT, Threat Modelling
COLLABORATION & DEVOPS: AWS EC2, AWS Elastic Beanstalk, AWS Lambda, Bash Scripting, CI/CD, CircleCI, Docker, Git, Heroku, TDD

EMPLOYMENT

Atomic Team, *Full-Stack Engineer*, Remote   Fall 2017 - Current
Acted as sole web developer on a 5-man MMO development team
- Independently created site (https://atomicmp.com) and single page app used for administration & account mgmt
- Developed secure beta-access application and account creation system
- Orchestrated continuous testing and deployment pipeline using CircleCI
- Developed complex REST backend microservice utilized by 4 different frontend (Site, bot, game client, notifier)
- Educated fellow developers in implementation & best practices of REST APIs
- Championed Agile, 2-week sprint development cycle

Enki, *Software Developer*, Remote   Sept. 2017 - Jan. 2019
- Developer on EnkiBot (see Projects), a daily mentor chatbot
- Developer on EnkiApp (see Projects), a React client for our popular Android app
- Responsible for the speccing, planning and implementation of business-critical microservices
- Ensured 99.99% production uptime with AWS Elastic Beanstalk
- Implemented CI/CD of all services via CircleCI, AWS CLI and Apex
- Converted applications to be Dockerized for ease of deployment

Enki, *Open Source Fellow*, San Francisco   Sept. 2017 - Jan. 2018
- Developed Security Course curriculum with standards and objectives
- Produced Security Course lessons on OWASP Top 10 and OSI Model
- Created various automation tools, linters and compilers for the Content Management System in NodeJS and Python

MV Code Club, *Instructor*, Mill Valley, CA   Mar. 2017 - Sept. 2017
- Taught students the fundamentals of Front-End Development (HTML/CSS/Native JS)
- Offered oversight and guidance to 100's of student-created projects of various scale

Totomic, *Software Developer*, San Francisco   Aug. 2016 - Sept. 2016
- Developed the Best Buyer Platform (see Projects) in conjunction with the CTO
- Implemented a system to deploy property advertisement campaigns against an ideal market demographic on Facebook and Google Ads
- Acted as liaison between our development shop and local advertising agency as part of the Best Buyer ad pipeline

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PROJECTS

<u>EnkiBot</u>   Nov. 2017 - Aug. 2018

EnkiBot is a learning companion build right into the Slack messenger. This chatbot will:

- Offer daily learning workouts and extended programming challenges
- Help organize your company into Mentor/Mentee relationships
- Offer tools to help organize 1:1s with mentors and coworkers
- Post weekly reports on your personal/team learning achievements

<u>EnkiApp</u>   Aug. 2018 - Jan. 2019

A React / Redux app created to manage your <u>Enki</u> account from the accessibility of a browser.

<u>Best Buyer</u>   Aug. 2016 - Oct. 2016

Best Buyer is a platform that helps realtors make informed decisions about selling a property with the help of Big Data. We created an algorithm to identify which market segments would be the most receptive to a listing.

My role in the project was to take the information output by our API and create an interactive dashboard with visual reports. In addition to this, I worked on a system to feed this same data into Google and Facebook as part of an ad pipeline. This allowed us to sell ads automatically, creating a solid revenue stream for the company.

EDUCATION

Galvanize, SoMa   Sept. 2015 - Apr. 2016

Full-Stack Web Development Immersive

SANS   May 2018 - Aug. 2018

SEC504 Hacker Tools, Techniques, Exploits, and Incident Handling

ACTIVITIES

Thugcrowd, *Co-host / Collaborator*   Dec. 2018 - Current

<u>Thugcrowd</u> (as in, Bugcrowd) is a weekly round-table security podcast discussing the bleeding edge in CVE's, 0days, breaches and more, as well as interviewing the big names in cybersecurity (for example, John McAfee, TinkerSec and Int80).

Hack-the-Box, *Pen-tester*   June 2018 - Current

<u>Hack-the-Box</u> (Abbreviated HTB) is a cloud-based pentesting lab. They release new hacking scenarios on a seasonal basis.

VOLUNTEERING

World Central Kitchen, *Responder*   Nov. 2018 - Current

Aiding larger disaster relief efforts by providing victims and other organizations with on-site, high-quality meal kits.