Andrew **Tomaka**

SOFTWARE ENGINEER ·

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Work Experience

OAK Network
Remote

SOFTWARE ENGINEER
May. 2022 - Sep. 2022

- Reduced annual infrastructure costs by over $200,000 leveraging lower cost, bare metal servers where it made sense.
- Maintained blockchain servers using Terraform and Ansible.
- Unified the developer deployment experience using Github Actions to generate repeatable artifacts, reducing hands-on time during deployments.
- Developed blockchain code in Rust.

benefitbay™
Remote

SENIOR LEAD SOFTWARE ENGINEER
Jul. 2021 - Apr. 2022

- Planned, led, and assisted in development efforts bringing a legacy application running Ruby 2.3 and Rails 3.1 up to Ruby 2.7 and Rails 7.0.
- Maintained AWS infrastructure as code using Terraform to provide delivery of web application as a Docker container.

BOLD PENGUIN
Remote

LEAD SOFTWARE ENGINEER, SENIOR SOFTWARE ENGINEER
Jul. 2019 - Oct. 2020

- Maintained and developed new features for multiple large applications written in Ruby on Rails with AngularJS front-ends.
- Coordinated cross-team features to support enterprise customers.
- Facilitated developer experience by working on an extra-curricular team providing a Golang CLI tool to assist in day-to-day operations.

Michigan State University
East Lansing, Michigan

INFORMATION TECHNOLOGIST III, II, I
May. 2012 - Jun. 2019

- Mentored cross team developers in better software development practices including version control, automated testing, and CI/CD usage.
- Deployed Ruby and Javascript APIs to AWS using Cloudformation, Terraform, and custom tooling.
- Developed and maintained multiple greenfield Ruby on Rails API applications with RESTful and GraphQL interfaces.
- Maintained code written in C, Bash, Javascript, Perl, PHP, Python and other languages.
- Administered Linux and Unix servers hosting services including LPRNG, MySQL, Kerberos, Shibboleth, and Apache.

DriveOnGroup
Lansing, Michigan

TECHNICAL DIRECTOR, SOFTWARE ENGINEER
Jan. 2016 - Jul. 2017

- Coordinated local and offshore development talent building native mobile web applications backed by APIs
- Isolated and corrected performance issues preventing API from delivering necessary information to mobile front-ends.
- Migrated API service from a single node with no redundancy to an auto-scaling AWS Elastic Beanstalk deployment.
- Developed Ruby on Rails API for scheduling and pairing drivers with riders.

p5dev, LLC
Remote

SOFTWARE CONSULTANT
Nov. 2006 - Feb. 2013

- Worked directly with small business owners to explore custom software solutions that fit their needs.
- Built web applications using Perl, PHP, CSS, and Javascript.
- Maintained custom Linux and Windows servers used for hosting web applications.
- Administered Apache and MySQL applications to support custom written software.
- Integrated with modern and legacy software including LDAP, AS/400, and DB2

Education

Michigan State University
East Lansing, MI

BACHELOR OF SCIENCE (B.S.), COMPUTER SCIENCE
2002 - 2015

Michigan State University
East Lansing, MI

BACHELOR OF SCIENCE (B.S.), MEDIA AND INFORMATION
2002 - 2013