

Michael Aboff

mwaboff@gmail.com • 302 540 8036 • mwaboff.com • linkedin.com/in/mwaboff • github.com/mwaboff

Professional Experience

Full-Stack Software Engineer - Capital One

Remote

June 2021 - *present*

- Developed backend Java Spring REST APIs and libraries that process thousands of cases daily.
- Wrote reusable Angular components and worked with both product and design teams to build a new product frontend.
- Designed another team's monitoring, logging, and debugging infrastructure as the subject matter expert.
- Led product support initiatives including vulnerability mitigation, regional isolation testing, and CI/CD migrations.
- Automated issue analysis with Bash and SQL, leading to a 60% reduction in failed SQS messages.
- Authored educational documentation, reducing the time to both onboard new hires and triage production issues..
- Performed cross-team code reviews and provided feedback to help build secure and well designed code.

Senior Product Support Engineer - SevOne

Newark, DE

Sept 2018 - May 2021

- Coordinated development and account teams to resolve critical product defects leading to over \$4 million in sales.
- Earned over 99% average customer satisfaction rating. Won Support Person of the Year 2021.

Freelance Software Developer

Remote

April 2013 - May 2021

- Built custom websites, tools, and video game hacks for dozens of customers using Java, Python, and Javascript.
- Taught students programming fundamentals, data structures, and algorithms using Java and Python.

Technical Projects

MonkeyScripts.org - Full-Stack User Script Hosting Site

PHP, Laravel, Javascript, React.js, MySQL, CSS, HTML, Rest API

- Developed a collaborative-filter recommendation system to automate personalized content discovery.
- Created a unique interactive tutorial using modern learning techniques to increase user engagement.
- Designed and implemented the user interface, backend REST APIs, and the database schema.

BoffMVC - PHP Model-View-Controller Backend Framework

PHP, MySQL

- Streamlined request routing by dynamically parsing target location from URL, eliminating manually coded routes.
- Created a custom interface that manages database connection and queries to simplify data retrieval.

HackForums Enhancement Suite - Cross-Browser Extension

Javascript

- Added over 20 highly requested productivity tools to a popular forum including threaded messaging and inline replies.
- Validated product market viability with a freemium monetization model and built a brand following of over 5000 users.

Education

Master of Science, Information Systems Technology, Web Design

Wilmington, DE

Wilmington University, 2020, GPA 3.8/4.0

Additional Computer Science Coursework

Newark, DE

University of Delaware, 2015-2016

Full-Stack Web Development Bootcamp

San Francisco, CA

App Academy, 2014

Bachelor of Arts, Government

Lancaster, PA

Franklin & Marshall College, 2014

Skills

Languages: Java, Javascript, Python, MySQL, HTML5, CSS, PHP, Bash, C++

Frameworks: Angular, Spring, MVC Frameworks

Tools: AWS, Git, Camunda, Kafka, JUnit, Jest, Mockito, Figma, Linux, Jenkins, New Relic, Datadog, Splunk, Jira, Agile/Scrum