



Michael Allen Scott
Pittsburgh, PA | (724) 504-8152
michaelallenscott55@gmail.com
[linkedin](#) | [github](#)

SUMMARY

I'm a full-stack developer with 5 years of experience in architecting, fixing, and enhancing enterprise applications of all sizes. I have experienced web development from many unique angles; designing and building full-scale applications from the ground-up, adding new features to existing monolithic applications, completely rewriting features in a new framework to remove outdated ones, fixing persistent performance issues to improve user-experience, and creating admin applications to drastically improve internal processes. I've seen my projects succeed and I've seen my projects fail. When a problem arises, I work tirelessly to connect our various teams until it's resolved. I'm an unflinching learner who was raised to believe that every situation is an opportunity for growth.

SKILLS

LANGUAGES & PLATFORMS	Proficient: Angular C# .NET HTML & CSS JS & TS SQL MongoDB NGRX & RXJS Experienced: React Python Ruby on Rails SCSS RabbitMQ AWS Familiar: Vue Java SignalR Azure
CONCEPTS & PRINCIPLES	Microservice Architecture Agile Practices SPAs MVC Object-Oriented Design REST API Design Relational DB Design NoSQL Source Control DevOps Processes
DEVELOPMENT TOOLS	Node/NPM Visual Studio / VSCode JetBrains Suite SSMS Postman Jenkins Octopus AWS Azure JIRA Git/Github Bitbucket Visual Studio Team Services

EXPERIENCE

SOFTWARE ENGINEER

April 2018 - July 2021

Coupa/Opus

- Served on modernization initiative's lead team that made new architectural decisions, rebuilding a massive monolithic application into a micro-service architecture, setting the standard for future projects. Collaborated with designers and product owners to establish new design patterns.
- Developed new application utilizing an Angular front end, .NET API back end, SQL and Mongo DBs, along with messaging and service calls utilizing RabbitMQ and SignalR.
- Lead project and collaborated with multiple external teams to create a new React widget within a Ruby on Rails application that combined internal data and external API calls into one seamless display.
- Worked closely with DevOps to build an admin application that could create a brand new tenant database complete with customer specific configuration. Reducing an 8 hour process down to 5 minutes.
- Utilized Python, Apache Spark, and Jupyter Notebooks to query and create automated Amazon EMR jobs that processed and manipulated customer data.

WEB DEVELOPER II

June 2016 - April 2018

Oncology Nursing Society

- Developed full-stack web applications, including a certification preparation application, a fundraising payment website, and an internal administration platform for course enrollment.
- Served as core developer on new project to build a web application involving a new database/schema, a .NET API back end, and an Angular front end.
- Guided web designer in styling externally-hosted dynamic JavaScript controls in order to integrate custom design changes into our Angular applications.
- Served on team that developed a new SSO integration, combining calls to 12+ vendors and services into one seamless application.
- Worked face-to-face with end users and business stakeholders, creating SQL reports for their analysis and operations.
- Maintained VB and .NET legacy systems by working on bugs and support tickets.

EDUCATION

SLIPPERY ROCK UNIVERSITY

Graduated May 2016

B.S in Computer Science

Minor in Information Technology