Matthew Brady O'Leary

FULL-STACK SOFTWARE ENGINEER

Columbia, SC

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Skills

Frontend	React, Redux, Vue, Svelte, Polymer, JavaScript, SCSS, CSS, HTML
Backend	GraphQL, REST, WebSockets, AWS, NestJS
Databases	Postgres, MySQL, CouchDB
Languages	Javascript, Typescript, Python, C / C++, Bash
Misc.	Microservice Architectures, Git, Ansible, Linux System Administration, Docker

Selected Experience

Stuzo / PAR Retail   *Philadelphia, PA (remote)*
BACKEND SOFTWARE ENGINEER II   *Mar. 2022 - Present*

- Independent Contributor to various microservices using NestJS, Typescript, and GraphQL
- Authored detailed architecture guides for implementing new features by coordinating between product and engineering teams
- Mentored and regularly paired with newly hired engineers
- Refactored a messaging automation service to simplify configuring and sending SMS messages and enable multiple SMS providers to be used
- Eliminated some types of rewards fraud by implementing a phone number screening service
- Dramatically reduced some types of bugs by adding integration tests using Docker in Docker during builds on Drone
- Implemented a force-logout feature in a customer-facing application to prevent blocked users from accessing the platform
- Added an integration with a major 3rd-party vendor to support personalized offers from multiple accounts
- Contributed cross-team and cross-language to a Ruby on Rails codebase

Krumware, LLC.   *Columbia, SC*
FULL STACK SOFTWARE DEVELOPER   *Jan. 2019 - Feb. 2022*

- Used React, Vue, and web components built with Direflow to update a legacy codebase with new features using a Microservice architecture
- Worked directly with clients and other colleagues to make architecture decisions and development timelines
- Performed Search Engine Optimization on a client's public-facing website
- Opened Issues, Pull Requests, and Reviewed other colleagues' code for various client projects on Github
- Using the Serverless framework, implemented REST APIs for client applications and documented using Postman
- Administered an AWS AuroraDB (MySQL-compatible) database; managed tables and schemas on dev and production environments, and managed user account access
- Implemented OpenAPI / Swagger documentation generation from JSDoc in an internal project

MOX Project   *Aiken, SC*
SOFTWARE ENGINEERING INTERN   *May - Aug. 2017, 2018*

- Used an interpreted C-like language for a SCADA Frontend to visualize and control mechanical manufacturing processes
- Contributed code to a custom Panel UI conversion application, which parsed source files of a legacy software to build source files for WinCC OA
- Wrote several demonstration programs to learn WinCC's CONTROL Language
- Implemented performance optimizations in an internal testing tool

Education

University of South Carolina   *Columbia, SC*
B.S. IN COMPUTER SCIENCE. CUM LAUDE. LEADERSHIP DISTINCTION. OVERALL GPA: 3.531   *Aug. 2015 - May 2019*

- Dean's List: Fall 2015, Spring 2018, Fall 2018
- President's List: Spring 2019
- Vice President, Webmaster of the ACM Student Chapter
- Won 3rd place at ColaHacks, a university-sponsored hackathon in 2018
- Played the Clarinet in the Carolina Band for 4 years, received the 4 Year member award