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# J. Michael Brown

## Full Stack Software Engineer

Beaverton, OR 97007

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## SUMMARY

Full stack software engineer with over a decade of experience delivering cloud-based solutions as a team member, facilitator, and coach. Passionate about providing simple solutions to complex problems, and using data to inform decisions.

## SKILLS

- **Programming languages:** JavaScript, Typescript, HTML, CSS, Java, Python
- **Libraries and frameworks:** React, Redux, NodeJS, Express, Bootstrap, MaterialUI, D3.js
- **Amazon Web Services:** S3, Route53, Cloudfront, Lambda, EC2, Cloudformation, Cloudwatch
- **Automated testing:** Jest, Enzyme, Playwright, React Testing Library, JUnit, EasyMock, Mockito

## EXPERIENCE

### Amazon Web Services

Seattle, WA (Remote)

#### *Software Development Engineer I*

JUNE 2022 - APRIL 2023

- Designed, developed, and released new features for an internal single-page React app, satisfying customer needs for deep-linked pages and search capabilities
- Improved internal email notifications with additional detail to make them more actionable
- Added validation to backend Java services to ensure data integrity
- Integrated an inclusive language library for the automated review system, delivering on an Amazon Diversity, Equity, and Inclusion goal for the organization
- End to end automated testing with Playwright, Jest, Enzyme, JUnit, and mocking libraries to validate all new functionality and prevent regressions
- Logged Cloudwatch metrics for measuring effectiveness of new features through page view counts and load timers
- Participated in on-call rotation, answered customer questions, resolved automated alarms, and unblocked automated deployment pipelines

### Nike, Inc.

Beaverton, OR

#### *Sr. Scrum Master*

JANUARY 2020 - JUNE 2022

- Coached and facilitated collaboration, in-person and remotely, to deliver software across seven teams for nike.com and the Nike App
- Contributed code for the developer community infrastructure, built with React and GraphQL
- Coached community meetup facilitators to create compelling content and drive engagement
- Spoke at an engineering forum to spread awareness and advocate for the developer community

## Scrum Master

APRIL 2016 - DECEMBER 2019

- Facilitated scrum events for Architecture and Core Components teams, collaborating with all Commerce in the Cloud teams
- Wrote Python scripts to collect and summarize team data from the JIRA API, which was adopted by Digital Dash, an enterprise-wide dashboard for team metrics
- Collected data with Lambda functions, stored to S3, and displayed dashboards with React and D3.js to visualize agility metrics and project burndowns
- Created a Node EC2 proxy app to log Hystrix events to Splunk
- Created games in React to teach the Scrum framework and the Edge team's high-level diagrams
- Led community of practice meetups to develop agile and software engineering skills of colleagues

## Eleven Wireless

Portland, OR

### Software Engineer & Scrum Master

APRIL 2014 - APRIL 2016

- Maintained RESTful web services and updated SQL stored procedures for a network admin back end
- Set up Route53 entries and Cloudfront distributions for hosting customer websites
- Designed and implemented a custom content delivery network to push network access portals directly to cruise ships, resulting in a 20x improvement in page load times

### Web Developer

APRIL 2013 - APRIL 2014

- Added localization and mobile-responsive design to an in-house Content Management System with jQuery
- Designed and developed intuitive interfaces to manage complex network tools using AngularJS

### Jr. Web Developer

JULY 2012 - APRIL 2013

- Created brand templates with HTML, CSS, JS, and jQuery for custom hotel internet access websites
- Wrote a Python build and deploy script to automate portal deployment that integrated with AWS S3

## Legend3D

San Diego, CA

### Asset Technician / Sr. Asset Technician

NOVEMBER 2010 - JUNE 2012

- Innovated movie still ingestion with Python scripts, resulting in fewer errors and faster processing
- Led process improvement and documentation for the assets department

## Yahoo! Music

Santa Monica, CA

### Library Resource / Music Director

MAY 2009 - NOVEMBER 2010

- A/V Recording, editing, and transcoding of music videos, interviews, and in-office performances
- HTML blog and email publishing for Yahoo! Music homepage and partner communications

## EDUCATION AND CERTIFICATIONS

Full-Stack Coding Bootcamp Certificate

University of Washington (Remote)

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Fundamentals of Computer Science Certificate

edX/MITx

Certified ScrumMaster, Certified Scrum Product Owner

Scrum Alliance

B.A. Interdisciplinary Computing and the Arts, Music

University of California, San Diego