

# Michael Weatherburn

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## SUMMARY

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Dynamic and motivated life long learner with experience within all aspects of the Software Development Life Cycle. With a proven record of generating and building relationships, managing projects from concept to completion, and creating effective presentations, I am passionate for developing opportunities that further establish organizational goals.

## EXPERIENCE

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### Automation Engineer

March 2022 – Present

*Blue Cross Blue Shield of Arizona*

*Phoenix, AZ*

- Designed and implemented test frameworks, plans, cases, and processes utilizing Java, MS SQL, Azure, and Bash fueling swift correction action for product, reducing errors in product by 10 percent
- Achieved 75 percent code coverage through the implementation of precise unit, integration, and end-to-end tests. This enhanced code quality and helped identify errors sooner before going to production
- Worked closely with other internal teams to help them setup their testing frameworks and conduct CI/CD through Azure DevOps

### Frontend Developer

October 2021 – February 2022

*SEO Design Chicago*

*Chicago, IL*

- Worked closely with clients to gather requirements for their websites and help guide them throughout the web application development process
- Redesigned, implemented, and tested web applications for businesses, private health offices, and schools using technologies such as WordPress, Elementor, HTML, CSS, JavaScript, Node.js, and MongoDB (NoSQL). Increased website traffic by 10 percent through the implementation of these applications
- Created core features for a client's web application in Figma and executed various marketing optimization experiments, including A/B and multivariate testing, using JavaScript. This aided in finding and declaring optimal features to be further developed

### Undergraduate Research Assistant

Jan. 2019 – Jan. 2020

*Arizona State University*

*Tempe, AZ*

- Lead the project with six other students from various expertise and coordinated our research efforts with timelines and expectations
- Analyzed statistical data from different startups and conducted tests to hypothesize which product would be most sustainable and profitable
- Presented results of analysis to stakeholders and supervising faculty

## PROJECTS

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### Apple Music Playlist Manager | *JavaScript, Node.js, MongoDB, AWS, S3, E2*

June 2020 – Present

- \* Developed a full-stack web application that is hosted in AWS cloud with user-based saving functionality using Bootstrap, Node.js, MongoDB, AWS.
- \* Improved website usability and responsive design using decision trees and wire-framing techniques
- \* Added login that saves user data based on a user's email address and returns the last saved state for each user

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript, SQL Server, HTML/CSS, Bash, Powershell

**Frameworks:** React, Node.js, Spring Boot, JUnit, Selenium, WordPress, Material-UI

**Developer Tools:** Git, Docker, AWS, Azure, VS Code, Visual Studio, IntelliJ, Eclipse

## EDUCATION

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**Arizona State University**

Tempe, AZ

*Bachelor of Arts in Informatics (Computer Science), Minor in Project Management*