

# Brian Montenegro

928-388-8477 • bmonten3@asu.edu • [LinkedIn](#) • [Portfolio \(https://bmontenegro.tech/\)](https://bmontenegro.tech/) • Phoenix, AZ

## SUMMARY

Results-driven **Software Engineer** with 2+ years of full-stack development and IT support experience. Proven success in building scalable cloud applications using **Azure, React, TypeScript, and .NET (C#)**, I excel at delivering performant applications that align with both technical requirements and user needs. Experienced in Windows device troubleshooting, resolving 97% of Tier 1 & 2 issues within SLA. Certified in Azure Fundamentals (**AZ-900**, AZ-204 in progress) and **Agile** methodologies.

## EDUCATION

### B.S. in Informatics - Software Engineering | Arizona State University

2024

- **Relevant Coursework:** Cloud Services, Agile Development (SDLC, Scum), Data Structures & Algorithms, Object Oriented Programming, Database Design & Development, Enterprise Systems Architecture

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, C#, Java, Python, SQL, HTML/CSS, BASH, PHP

**Frontend:** React.js, Angular, Next.js, TailwindCSS, Vite, Redux Toolkit, Storybook, Bootstrap

**Backend & Tools:** .NET, Node.js, Spring Boot, MySQL, Git, SQLite, NoSQL (MongoDB), PostgreSQL, SQL Server, Azure SQL

**Cloud & DevOps:** Azure, Docker, CI/CD Pipelines (GitHub Actions, Azure DevOps), IaC, Linux, Networking, EC2

**Other:** Agile/Scrum Methodologies, Restful API Architecture, Microservices, MS Suite, OOP, ARM, Bicep, Entity Framework

**IT Support:** Azure Application Insights, Windows OS & Linux troubleshooting, Active Directory, Xbox & PC diagnostics

## PROFESSIONAL EXPERIENCE

### U.S. Office of Personnel Management | Software Engineer

12/2024 - Present

- **Azure Integration:** Deployed cloud-native applications using containerized **Azure App Services & VMs**, reducing server costs by 25% through auto-scaling, monitoring, and reservations.
- **CI/CD Optimization:** Streamlined release cycles by 35% by implementing **GitHub Actions/ADO** CI/CD pipelines.
- **Full-Stack Development:** Delivered PHP/React/Node.js/Azure features for federal employee portals, improving user engagement.
- **Open Source:** Leveraged a modern open-source tech stack, including MySQL, .NET Core, Node.js, Laravel, TypeScript, and cloud services methodology, within an Agile DevSecOps environment.

### Bit Space Development Ltd. | Software Engineer - Intern

01/2023 - 12/2024

- Contributed to the development of an ongoing **digital asset management** project at Bit Space Development Ltd., utilizing **ReactJs**, **NextJs**, and **.NET Core** for full stack development
- **API Development:** Built 5+ RESTful APIs using .NET Core, reducing data retrieval latency by 50% for a SaaS asset management tool.
- **Database Optimization:** Improved **MySQL** query performance by 30% through indexing & procedure refactoring.

### Microsoft (Contract) | IT Support Lead (Windows/Surface/Xbox)

12/2021 - 08/2023

- **Device Support:** Diagnosed & resolved 400+ Windows/Xbox hardware/software issues, maintaining 97% CX scores.
- **Process Improvement:** Reduced average ticket resolution time by 20% by creating a PowerShell automation script library.
- **Knowledge Sharing:** Authored 15+ troubleshooting guides adopted by 50+ support agents company-wide.

### First Citizen's Bank | Client Service Advisor

08/2023 - 12/2024

- Assisted corporate clients with bank products such as depository, cash management, and investments.
- Provided technical support for online banking tools, finance reporting, and resolved issues with payment modules & QuickBooks.

## RELEVANT PROJECTS

### Journo: AI-Powered Fullstack Journaling Web App - [github.com/bmonten3/journo](https://github.com/bmonten3/journo)

Pending Domain

- **Impact:** Analyzed 10,000+ journal entries using Gemini AI, achieving 92% mood prediction accuracy (beta testing).
- **Technologies:** Nextjs, TypeScript, Sqlite3, TailwindCSS, Azure, Clerk Auth, GIT, HTML/CSS/JS, Gemini Ai API

### Developer Portfolio, *Personal Project* - <https://bmontenegro.tech>

Deployed

- **Performance:** Scored 98/100 on Lighthouse via Next.js SSR & CDN caching.
- **Technologies:** NextJs, TailwindCSS, React, Shadcn, GIT, HTML/CSS/JS, Azure