

Brian Montenegro

928-388-8477 • bmonten3@asu.edu • [LinkedIn](#) • [Portfolio](#)

SUMMARY

Software engineer with 2+ years of experience and a B.S. in Informatics (Software Engineering focus) from Arizona State University. Proficient in full-stack development using React, Next.js, TypeScript, and .NET Core. Experienced in building scalable web applications, optimizing data dashboards, and applying SOLID principles. Skilled in Agile methodologies, RESTful APIs, and database management (SQL & NoSQL), with a focus on delivering efficient and maintainable code.

EDUCATION

B.S. Informatics (Focus Area in Software Engineering)	2024
Arizona State University	Tempe, AZ

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, Python, C#, SQL
Front-End: React.JS, Next.JS, TypeScript, TailwindCSS, Vite, HTML/CSS, Adobe XD, Figma, Redux Toolkit, Storybook, Unit Testing
Tools, DB, Utilities: Node.JS, Express.JS, MySQL, Git, Docker, ASP.NET Core, NoSQL (MongoDB), ArcGIS, TensorFlow, PostgreSQL
Other: Agile/Scrum Methodologies, Asana, Restful API Architecture, MS Suite, Object Oriented Programming, CI/CD, CRM

PROFESSIONAL EXPERIENCE

Bit Space Development Ltd, AZ (Hybrid): Software Engineer	01/2023 - Present
<ul style="list-style-type: none">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 developmentImplemented data visualization features and real-time updates, optimized MySQL performance, and collaborated with UI/UX designers in Adobe XDDove into the development of a Python-based dashboard for device management, model deployment, and inference, improving the efficiency and accuracy of data collection and analysis.Employed best coding practices, including component-based architecture in NextJs, SOLID principles in TypeScript + .NET (C#), and RESTful API design within NodeJs.	
First Citizen's Bank, Phoenix, AZ: Client Service Advisor	08/2023 - Present
<ul style="list-style-type: none">Assisted corporate clients with a wide range of bank products, including depository, cash management, investment, and international productsOffered technical support on various platforms, conducted walkthrough sessions for special corporate finance reporting, and addressed troubleshooting for online banking tools, payment modules, and QuickBooksProvided exceptional corporate client support via email and phone channels, resolving inquiries on general bank requests, bank products, card servicing, and technical issues	
Microsoft (Contract), Tempe, AZ: Xbox Ranger (Client Support Lead)	12/2021 - 08/2023

RELEVANT PROJECTS

Journo: AI-Powered Fullstack Journaling Web App - github.com/bmonten3/journo	Pending Domain
<ul style="list-style-type: none">Description: This is a full-stack journaling application powered by AI for analyzing user mood and providing feedback based on journal entries. Built with Next.js, the app integrates the Gemini AI API to enhance user journaling experiences, provides robust & secure authentication with Clerk, and features a remote SQLite database hosted on Turso/LibSQL.Technologies: Nextjs, TypeScript, Sqlite3, TailwindCSS, Node.js, Clerk Auth, GIT, HTML/CSS/JS, Gemini Ai API	
Developer Portfolio, Personal Project - https://bmontenegro-portfolio.pages.dev/	Deployed
<ul style="list-style-type: none">Description: Developed a personal portfolio website to showcase projects, skills, and contact information.Technologies: ReactJs, TailwindCSS, Node.js, Vite, GIT, HTML/CSS/JS	
CRUD Web Application - Express Minimal List - github.com/bmonten3/expressJS-minimal-list	Pending Deployment
<ul style="list-style-type: none">Description: Created a RESTful API to support a simple to-do list application using ExpressJS & SQLiteTechnologies: Node.js, ExpressJs, HTML/CSS/JS, SQLite, Handlebars	