

Bradley Matera

Backend Developer

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EDUCATION

- Bachelor of Science in Web Development (B.S.), Full Sail University, Winter Park, FL - October 2025
- Cumulative GPA: 3.64
- Relevant Coursework: Interfaces and Usability, Database Systems, Server-Side Languages, Advanced Server-Side Languages, Programming for Web Applications, Deployment of Web Applications, Cloud Application Development, Web Application Integration, Application Integration and Security, Interface Programming, Application Development, Discrete Mathematics
- Activities and societies: Tech Talk Club - Weekly Agile-style standups with classmates to track progress, solve issues, and support each other's projects.
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- Fallen Knight: Requiem of Honor - Game jam project for KAJAM, Dec 2023. Built with classmates and ranked #9 in Artstyle. <https://itch.io/iam/kajam/rate/3114394>

SUMMARY

Junior developer interested in backend and .NET work, with current experience strongest in JavaScript, Node.js, SQL fundamentals, APIs, AWS projects, debugging, and documentation. I am learning/refreshing C# and .NET concepts while keeping my current claims focused on supported JavaScript, SQL, AWS, and project experience.

SKILLS

- Backend concepts, APIs, Node.js, JavaScript, TypeScript, SQL fundamentals
- Currently learning/refreshing C#/.NET fundamentals, with current work claims focused on supported project experience
- AWS Lambda, DynamoDB, S3, Amplify, cloud troubleshooting
- Docker, GitHub, VS Code, documentation, debugging, issue tracking

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate (SAA-C03), issued July 2025, expires July 2028
- AWS Certified AI Practitioner (AIF-C01), issued August 2025, expires August 2028
- freeCodeCamp JavaScript Algorithms and Data Structures; Responsive Web Design

EXPERIENCE

Cloud Support Engineer Intern - AWS Internship, Seattle, WA

May 2025 - Aug 2025

- Completed AWS support engineering internship focused on cloud troubleshooting, networking concepts, infrastructure analysis, and operational workflows.
- Built a serverless metadata extraction workflow using AWS Lambda, DynamoDB, S3, and Amplify.
- Created a transparent infrastructure cost-analysis model using measurable cloud usage metrics.
- Completed guided support rotations in training environments with no customer data.

Junior Frontend Developer / Freelance Contributor - CIRIS Ethical AI, Remote

Oct 2024 - Jun 2025

- Improved onboarding and setup documentation for new contributors, including environment notes and JWT guidance.
- Added logging around token verification for better debugging and contributed small code updates through merged PRs.
- Fixed lint issues and improved error messages where applicable.
- Created Docker Compose configuration for local development and documented larger ideas as GitHub Issues.
- Worked with AI-assisted coding workflows, debugging, deployment troubleshooting, and API integrations.

SELECTED PROJECTS

- Secrets & Environment Variables Demo - <https://bradleymatera.github.io/EthicsFrontEndDemo/> - Built an educational frontend demo showing safer configuration concepts and why secrets should not be hardcoded.
- CheeseMath - <https://bradleymatera.github.io/CheeseMath-Jest-Tests/> - Built a calculator/testing demo with input handling, regex/string operations, and Jest validation.

ADDITIONAL EXPERIENCE

Medic - US Army, Ft. Bragg

June 2011 - April 2014

- U.S. Army combat veteran with experience operating under pressure in high-stress environments.
- Comfortable learning and adapting quickly to new technical environments.