

Bradley Matera

Junior Software Engineer

Davis, Illinois (open to relocation) | (360) 970-0581 | bradmatera@gmail.com | www.linkedin.com/in/bradmatera | bradleymatera.dev

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 software engineer focused on JavaScript, TypeScript, React, Node.js, AWS projects, debugging, and clear documentation. I am early in my career, but I learn quickly, work carefully in existing codebases, and like building useful software that can be explained and maintained.

SKILLS

- JavaScript, TypeScript, React, Next.js, Node.js, HTML, CSS, SQL
- API integration, debugging, issue tracking, documentation, GitHub, VS Code, Docker
- AWS Lambda, DynamoDB, S3, Amplify, CloudFront, cloud troubleshooting
- AI-assisted development workflows, prompt engineering, AI evaluation/testing workflows

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.
- Worked through guided troubleshooting labs and technical support exercises involving distributed cloud systems.
- 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.

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

- Interactive Pokedex - <https://bradleymatera.github.io/Interactive-Pokedex/> - Built and deployed a static Gen 1 Pokedex UI with all 151 entries, client-side search/filtering, data display, and theme controls.
- CheeseMath - <https://bradleymatera.github.io/CheeseMath-Jest-Tests/> - Built a calculator/testing demo with arithmetic, string operations, regex analysis, input handling, and Jest validation.
- Secrets & Environment Variables Demo - <https://bradleymatera.github.io/EthicsFrontEndDemo/> - Built an educational frontend demo showing why secrets should not be hardcoded and how environment-variable concepts apply to application configuration.

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.