

# Bradley Matera

## DevOps / Cloud Operations

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### EDUCATION

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- 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

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Junior DevOps and cloud operations candidate with AWS support engineering training, hands-on Docker and GitHub experience, cloud troubleshooting practice, networking fundamentals, and a methodical approach to isolating infrastructure issues. I am interested in roles where careful troubleshooting, clear documentation, and steady process improvement matter.

### SKILLS

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- AWS Lambda, S3, DynamoDB, Amplify, CloudFront, cloud troubleshooting, networking concepts
- Docker, Docker Compose, GitHub, VS Code, command-line workflows, local development environments
- Infrastructure analysis, cost modeling, guided support rotations, deployment troubleshooting
- JavaScript, Node.js, SQL fundamentals, API integration basics, issue tracking

### CERTIFICATIONS

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- 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

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#### 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 and networking behavior.
- Completed guided Juniper/Junos troubleshooting labs delivered in Jupyter Notebooks.
- 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

- Created Docker Compose configuration for local development environments, enabling consistent contributor setup.
- Worked with deployment troubleshooting, API integrations, and environment configuration.
- Improved onboarding and setup documentation for new contributors, including environment notes and JWT guidance.
- Contributed small code updates through merged PRs including logging improvements, lint fixes, and error message clarity.
- Documented larger infrastructure and environment issues as GitHub Issues.

### SELECTED PROJECTS

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- AWS Serverless Infrastructure Workflow - Built a serverless metadata extraction workflow using Lambda, DynamoDB, S3, and Amplify, working with cloud service connections and operational configuration throughout.
- AWS Infrastructure Cost Model - Created a transparent cost-analysis model using measurable cloud usage inputs for storage, compute, requests, and transfer, demonstrating infrastructure cost awareness.
- Secrets and Environment Variables Demo - <https://bradleymatera.github.io/EthicsFrontEndDemo/> - Built an educational demo showing secure environment variable handling and configuration management concepts.

### ADDITIONAL EXPERIENCE

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#### 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.