

Bradley Matera

Data 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 data engineer with hands-on experience in cloud-based data workflows, metadata extraction, and infrastructure cost modeling. My AWS internship provided practical experience with data engineering concepts using AWS services like Lambda, DynamoDB, and S3. I am interested in data extraction, storage, processing, and analysis workflows in cloud environments.

SKILLS

- AWS Lambda, DynamoDB, S3, serverless architectures, metadata extraction, cloud data workflows
- Data analysis and modeling, infrastructure cost metrics, measurable usage inputs
- JavaScript, TypeScript, Node.js, SQL fundamentals, API integration basics
- Documentation, debugging, GitHub, VS Code, Docker, issue tracking
- Cloud troubleshooting, networking concepts, AWS Certified Solutions Architect

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, gaining hands-on experience with data engineering concepts like data extraction, storage, and processing in cloud environments.
- Created a transparent infrastructure cost-analysis model using measurable cloud usage metrics, demonstrating data analysis and modeling skills.
- Worked through guided troubleshooting labs and technical support exercises involving distributed cloud systems.

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

- AWS Serverless Metadata Extraction Workflow - Built a serverless metadata extraction workflow using AWS Lambda, DynamoDB, S3, and Amplify during an AWS support engineering internship, gaining experience with data extraction and cloud storage concepts.
- AWS Infrastructure Cost-Analysis Model - Created a transparent infrastructure cost model using measurable inputs such as request counts, GB-month, compute time/GB-seconds, read/write units, and transfer out, demonstrating data analysis and modeling skills.

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.