



Denis Gavriloff

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EDUCATION

Bachelor of Science, Computer Science University of Washington

Expected June 2026

Seattle, WA

PROFESSIONAL EXPERIENCE

Associate Intern

Jun 2025 - Present

Amazon Web Services (AWS) | Seattle, WA

- Led end-to-end development of **Metadata Mogul**, a production-ready serverless application using 8+ AWS services including Lambda, Step Functions, S3, DynamoDB, and API Gateway
- Architected and deployed full-stack solution with React frontend, custom metadata extraction, and comprehensive monitoring using CloudWatch dashboards
- Implemented security best practices including IAM roles, S3 bucket policies, and Infrastructure as Code using CloudFormation templates
- Exceeded project requirements through the development of a custom metadata extraction script using Lambda Layers

Python Software Development Student (Skillbridge Intern)

Jul 2023 - Jan 2024

Allegiant Giving | Remote

- Completed an intensive software development training program as part of a military career transition initiative
- Developed proficiency in Python, JavaScript, and related frameworks through hands-on projects and coursework
- Gained practical experience in remote collaboration, version control, and modern development workflows

Data Systems Administrator (0671, Primary)

Sep 2020 - Jan 2024

United States Marine Corps | San Diego, CA

- Managed and maintained computer networks, servers, and data systems supporting operational units and administrative functions
- Configured and administered Windows Server environments, Active Directory, and network infrastructure including switches, routers, and firewalls
- Implemented cybersecurity measures and ensured compliance with military IT security standards and protocols
- Provided technical support and training to end users, troubleshooting hardware and software issues across multiple systems

Combat Marksmanship Trainer (0931, Secondary)

Mar 2021 - Jan 2024

United States Marine Corps | San Diego, CA

- Instructed Marines in the fundamentals of marksmanship, weapons handling, and maintenance of the M16A4 service rifle and M9 pistol
- Analyzed and addressed the difficulties of individual shooters during both dry and live-fire exercises
- Assisted in the operation of firing ranges, including planning training events and ensuring safety protocols were followed

LICENSES & CERTIFICATIONS

AWS Certified AI Practitioner

Issued: Aug 2025, Expires: Aug 2028 | [Verify Credential](#)

AWS Certified Solutions Architect - Professional

Issued: Aug 2025, Expires: Aug 2028 | [Verify Credential](#)

AWS Certified Solutions Architect - Associate

Issued: Jul 2025, Expires: Jul 2028 | [Verify Credential](#)

PROJECTS

TaskPledge.app - Task Commitment Platform

- Engineered full-stack task commitment platform using React 18, TypeScript, and React Query with custom hooks for task lifecycle management and wallet operations
- Integrated Stripe Checkout and Connect APIs with webhook event handling for payment synchronization and automated payout processing
- Built AI verification microservice using Lovable AI Gateway and Google Gemini 2.5 Flash with input sanitization and prompt injection protection
- Architected PostgreSQL schema with normalized tables, database triggers, and Row Level Security policies for complex business logic

TDEE Coach - iOS Application

- Developed and deployed a mobile application using React Native and Firebase to help users track their total daily energy expenditure (TDEE)
- The app calculates calorie expenditure based on user-inputted data of calories consumed and changes in body weight
- Currently in beta testing phase and available on GitHub

TECHNICAL SKILLS

Programming Languages

JavaScript Python Java

Frameworks & Libraries

React.js React Native Express.js

Cloud & DevOps

AWS Lambda SageMaker CloudFormation DynamoDB S3 Supabase Firebase

Specializations

Machine Learning LLMOps Solution Architecture Cloud Computing Serverless