

Abdullah Eshaq

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EXPERIENCE

Software Development Engineer <i>Amazon</i>	June 2024 – Present Vancouver, BC
<ul style="list-style-type: none">Led the payment methods implementation of BACS (Bankers Automated Clearing System) in AWS, implementing authorization flows, mandate setup, idempotent state machines, and fault-tolerant retries to expand AWS into the UK bank-debit market and lower payment processing costs.Coordinated integration across 6+ AWS systems (Processing, Collections, Fraud/Risk, Policy, Console), running design reviews and ensuring compliance requirements were met to deliver a secure and scalable BACS launch expected to support hundreds of thousands of annual transactions.Architected and implemented a region-agnostic infrastructure deployment system as part of the AWS European Sovereign Cloud project, reducing the time to deploy our service to any new region from 6 weeks to under a day.Engineered and integrated a pre-charge Multi-Factor Authentication validation system to reduce fraudulent charge-backs leading to a \$200K/month reduction in losses.Streamlined over 50 CI/CD pipelines into a unified continuous delivery system, cutting deployment cycles from 60+ days to under 5 days.Mentored an intern through architectural reviews and technical coaching, resulting in a successful onboarding, meaningful production-level contributions, and a return offer.	
Software Development Engineer Intern <i>Amazon</i>	May 2023 – August 2023 Vancouver, BC
<ul style="list-style-type: none">Built and deployed a scalable notification service supporting internal customer workflows, reaching over 500K users and increasing feature adoption.Developed a serverless architecture using AWS Batch, DynamoDB, and S3, resulting in a 30% reduction in message processing time.	
Data Engineer Intern <i>Olympic Industries</i>	Jan. 2023 – April 2023 Vancouver, BC
<ul style="list-style-type: none">Implemented anomaly detection in trading data, leading to a 15% reduction in trading errors.Automated daily reports on commodity markets, delivering actionable insights that enhanced strategic decision-making.	
Development Support <i>Keywords Studios (Electronic Arts)</i>	May 2022 – August 2022 Vancouver, BC
<ul style="list-style-type: none">Tested gameplay features on FIFA 23, identifying and reporting bugs through detailed QA documentation, which improved release stability and overall user experience.Maintained the QA pipeline for FIFA 23, managing bug lifecycles from discovery to regression verification, which streamlined testing cycles and ensured consistent feature quality.	

EDUCATION

University of British Columbia <i>Bachelor of Science in Computer Science</i>	Vancouver, BC April 2024
Relevant Courses: Intermediate Algorithms and Data Structures, Computer Systems, Relational Databases, Operating Systems, Software Engineering, Machine Learning and Data Mining, Computer Vision, Computer Networking	

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, Ruby
Cloud & Infra: AWS (CDK, EC2, EventBridge, DynamoDB, Lambda, Batch, IAM, S3, CloudFormation, CloudWatch), Kubernetes, Docker, MS-SQL
Frameworks & Libs: Spring Boot, React, Node.js, Flask, JUnit, Material-UI