Erdun E

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Software Engineer with 2 years at Amazon AWS specializing in storage systems, distributed infrastructure, and performance optimization. Actively seeking 2026 New Grad Software Engineering roles.

EDUCATION

Northeastern University, Khoury College of Computer Sciences (Miami, FL) *Expected May 2026*
Master of Science in Computer Science, 2025 Outstanding Network Student Award *GPA 4.0*
University of Massachusetts Lowell, Kennedy College of Sciences (Lowell, MA) *December 2020*
Bachelor of Science in Computer Science, Minor Asian Studies, Dean's List (2 semesters)

WORK EXPERIENCE

Superstars *May 2025 - Aug 2025*
Software Engineer Intern (Flutter, Dart, Postman, API, Android, iOS, CI/CD) Miami, FL
- Developed complete five-step "Create Story" workflow (Upload, Edit, Description, Preview, Integration) with camera or device video support, trimming, and draggable text overlay, matching Figma designs across Android and iOS
- Built and optimized CI/CD pipelines with 11+ GitHub Actions checks, reducing manual review effort by 30% and accelerating PR feedback cycles while improving deployment reliability team-wide.
- Authored the team's Developer Guide (8 chapters, 100+ steps), wrote 3 technical investigation reports, and documented 5+ Jira tickets with root causes and fixes to improve onboarding and cross-team knowledge sharing.

Amazon Inc. *August 2021 - July 2023*
Software Development Engineer: Amazon Web Services (Python, Java, C++, Bash, SQL, AWS) Boston, MA
- Played a key role in three Log-Structured Replication (LSR) release projects on the EBS Server LEGO platform.
- Conducted qualification tests and performance evaluations for over 10 new firmware versions and 6 disks, saving $30M+ in purchasing costs by identifying high-performance, cost-effective components (e.g., Micron7400 8TiB)
- Handled 24/7 on-call responsibilities for 4+ weeks, resolving 180+ severity-level 2 tickets and assisting in two Large-Scale Event (LSE) incidents to ensure system stability and customer satisfaction.
- Standardized performance testing for new disk and firmware versions across four ASH server platforms, creating baseline metrics and an onboarding wiki that accelerated training for new hires.
- Spearheaded a long-term optimization initiative, developing comprehensive guidance for disk and firmware qualification evaluations, reducing team time investment, and improving testing consistency.

LSR New Version Release | Amazon Web Services (Python, Java, Bash, AWS)
- Designed and executed test plans for LSR 3.6–3.7.1 across 20,000+ EBS servers in 50+ Availability Zones (AZs), ran 20+ stair-step tests, 14 fault injections, and resolved 15+ tickets and 200+ failures to ensure a 100% success rate.
- Optimized drain and isolation logic in LSR 3.7.1, reducing per-server isolation time by 15–25 minutes and improving overall deployment efficiency by 17–50%.

Disk/FW Qualification Evaluation | Amazon Web Services (Python, Bash, AWS)
- Led evaluations for six disk models and 10+ firmware versions, creating a 60-step qualification guide and detailed troubleshooting manual used to onboard 20+ engineers.
- Standardized and automated testing across ASH platforms, saving 4–5 hours per release cycle and driving $30M+ in cost-optimized component selection.

SKILLS

Programming Languages: Python, Java, Kotlin, Dart, SQL, C/C++, Bash, Rust, JavaScript, HTML/CSS
Frameworks & Tools: Spring Boot, Flask, React, Flutter, Bloc, Retrofit, REST APIs, Postman, Terraform, Docker, AWS CLI
Machine Learning & Data: scikit-learn, pandas, NumPy, matplotlib, seaborn, TensorFlow, PyTorch, Jupyter Notebook
Cloud & DevOps: AWS(Lambda, API Gateway, S3, EC2, CloudFront, VPC, EventBridge, CloudWatch, EBS, Bedrock), CI/CD
Database Systems: MySQL, MariaDB, SQLite, Firebase, MongoDB, Amazon DynamoDB, Amazon Redshift
Developer Tools & IDEs: Git, Vim, IntelliJ, PyCharm, Android Studio, Xcode, Cursor
Productivity & Collaboration: Jira, Asana, Notion, Lucidchart, Miro, Figma, Arcade, MS Office, Slack,
Operating Systems: Linux/Unix, macOS, Windows, Android, iOS