

Steven Le

stevle.swe@gmail.com | github.com/stevl3 | linkedin.com/in/stevle | stevl3.vercel.app

Education

University of Maryland, College Park

Bachelor of Science in Information Science

May 2025

GPA: 3.7/4.0

Certifications

Amazon Web Services - AWS Cloud Practitioner

July 2025

Technical Skills

Languages: Java, Python, JavaScript, SQL, Swift

Frameworks & Libraries: Spring Boot, Flask, FastAPI, React, Node.js, GraphQL, REST APIs

Cloud & Infrastructure: AWS (EC2, EKS, Lambda, RDS, S3), Docker, Kubernetes, GitHub Actions

Databases & Tools: PostgreSQL, MongoDB, DynamoDB, Redis, Kafka, Celery, JUnit, Maven

Experience

Software Engineering Simulation

January 2025 – February 2025

JPMorgan Chase

Remote

- Developed high-throughput Kafka-based Spring Boot backend processing 10K+ financial transactions with real-time validation and H2 database integration
- Integrated external Incentives API and built RESTful endpoints delivering sub-200ms response times for concurrent simulated trading scenarios
- Implemented modular architecture using Maven, reducing debugging cycles by 30% across data ingestion and API service layers

Software Engineering Intern

June 2024 – January 2025

Chosan

Los Angeles, CA

- Architected and deployed Spring Boot microservices on AWS EKS, achieving 99.9% uptime across 200+ rental units and reducing infrastructure costs by 25%
- Engineered automated ETL workflows processing 10K+ property records, eliminating 40+ hours of manual work quarterly and reducing data processing errors by 90%
- Implemented comprehensive CI/CD pipelines using GitHub Actions and GitLab, reducing deployment time from 2 hours to 36 minutes (70% improvement)
- Established robust testing framework with JUnit and Postman achieving 95% code coverage, preventing 40+ potential production incidents

Software Engineering Intern

May 2024 – August 2024

HouseMate

College Park, MD

- Developed core iOS application features using Swift and MVVM architecture, supporting expense tracking and shared calendar functionality for 500+ active users
- Integrated Venmo P2P payment system using OAuth2 and native URL schemes, facilitating \$12K+ in secure roommate transactions
- Optimized Firestore database performance through strategic caching and indexing, reducing read operations by 40% and average response latency by 200ms
- Enhanced application reliability by implementing comprehensive UI testing suite, increasing test coverage by 60% for critical user flows

Projects

Stock Sentiment Engine | *Python, FastAPI, PostgreSQL, Celery, Redis*

June 2025

- Engineered FinBERT-based sentiment analysis pipeline processing 2.5K+ Reddit posts daily, generating actionable trading signals with 78% accuracy
- Deployed asynchronous task processing using Celery and Redis, reducing signal generation latency by 65% and supporting real-time trading decisions

RentalOps Platform | *Java, Spring Boot, PostgreSQL, Docker, Kubernetes, AWS, React*

January 2025

- Built comprehensive property management platform using microservices architecture deployed on AWS EKS, supporting multi-tenant operations
- Created responsive React dashboards with role-based access control and real-time data synchronization for property managers, maintenance staff, and cleaning crews

Abandoned Cart Recovery System | *AWS Lambda, DynamoDB, EventBridge, SES*

October 2024

- Architected serverless e-commerce solution using AWS Lambda and EventBridge, automating 2K+ monthly email campaigns and recovering 18% of abandoned carts (\$2.5K+ revenue)