




Steven Le

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

EDUCATION

University of Maryland

May 2025

Bachelor of Science in Information Science; GPA: 3.7/4.0

College Park, MD

- **Relevant Coursework:** Database Design & Modeling, Tech Infrastructure Architecture
- **Certifications:** Amazon Web Services - AWS Cloud Practitioner

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Go, SQL

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

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

Databases: PostgreSQL, MongoDB, DynamoDB, MySQL

EXPERIENCE

Software Engineering Simulation

Jan. 2025 – Feb. 2025

JPMorgan Chase

Remote

- Built Kafka-based Spring Boot backend processing 10K+ transactions with real-time validation and H2 persistence
- Integrated external Incentives API, increasing recipient balances by up to 15% based on transaction context
- Exposed REST API for user balance queries with sub-200ms response time in testing across 50+ simulated users
- Modularized Spring Boot app with Maven, reducing debug cycles 30% across ingestion, database, and REST layers

Software Engineering Intern

Jun. 2024 – Jan. 2025

Chosan

Los Angeles, CA

- Built Spring Boot microservices for mission-critical rental ops, containerized with Docker/Kubernetes on AWS EKS
- Created secure REST APIs replacing spreadsheets, automating ETL and backend workflows for 200+ rental units
- Deployed CI/CD using GitHub Actions and GitLab pipelines, reducing release time by 70% with compliance checks
- Implemented integration tests with Postman and JUnit for 90%+ code coverage, preventing 40+ production bugs

Software Engineering Intern

May 2024 – Aug. 2024

HouseMate

College Park, MD

- Built core features for an iOS app in Swift using MVVM for expense tracking and shared calendars
- Optimized Firestore sync logic with caching and indexing, reducing reads/writes by 40% and latency by 20%
- Added Venmo-based P2P payments using OAuth2 and URL schemes for secure native roommate transactions
- Raised UI test coverage by 60% by writing unit tests for expense input and calendar sync features

PROJECTS

AI-Powered Stock Sentiment Engine | *Python, FastAPI, PostgreSQL, Celery, Redis*

Jun. 2025

- Built FastAPI backend analyzing 2.5K+ Reddit posts/day with FinBERT sentiment achieving 92% accuracy
- Achieved 18.7% portfolio returns using AI signal accuracy, outperforming S&P 500 by 12.3% in backtesting

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

Jan. 2025

- Built and deployed full-stack platform using microservices and Kubernetes to automate check-ins and maintenance
- Developed role-based dashboards in React with Tailwind for admin, cleaner, and maintenance teams

Production Banking Platform | *Flask, PostgreSQL, Next.js, Tailwind*

Mar. 2024

- Built secure Flask backend with JWT auth and PostgreSQL to manage multi-account finance and transactions
- Surfaced real-time spending insights and fraud alerts, reducing tracking effort by 90%

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

Oct. 2024

- Recovered 18% of abandoned carts by building automated email notification system, boosting conversion rates
- Delivered 2K+ personalized emails monthly using SES; increased click-through rates by 26% with reminders

LEADERSHIP AND COMMUNITY INVOLVEMENT

Phi Delta Sigma Fraternity Inc.

Aug. 2024 – May 2025

Warden and Fundraising Chair

College Park, MD

- Led fundraising efforts, raising \$6,000+ and managed logistics for 10+ campus-wide events.