Steven Le

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EDUCATION

University of Maryland — Aug. 2023 – May 2025

B.S. in Information Science | GPA: 3.7 — *College Park, MD*

Relevant Coursework: Database Design & Modeling, C++ Programming, Java Programming, Computer Science I & II, Tech Infrastructure Architecture

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, C++, Go, SQL (PostgreSQL, MySQL)
Frameworks: React, Node.js, Spring Boot, Flask, Django, GraphQL, REST APIs
Cloud & DevOps: AWS (EC2, Lambda, RDS, S3, EKS), Docker, Kubernetes, GitHub Actions
Databases: PostgreSQL, MongoDB, DynamoDB

EXPERIENCE

Software Engineering Intern — Jun. 2024 – Jan. 2025

Chosan – Real estate startup managing 250+ units across 4 states; raised 7-figure seed funding — *Los Angeles, CA*

- Built microservices platform using Spring Boot, Docker, and PostgreSQL to automate operations for 200+ units
- Replaced manual Excel spreadsheet with scalable, JWT-secured APIs, boosting operational efficiency by 40%
- Integrated CI/CD pipelines using Jenkins and GitHub Actions, accelerating deployment speed by 70%
- Deployed services on AWS EKS and RDS, improving reliability, uptime, and scalability across infrastructure
- Constructed test suite with 90%+ coverage, preventing 40+ production bugs using JUnit/Postman

Technical Specialist — May 2021 – Jun. 2024

Nail Design — *Bel Air, MD*

- Managed technical operations and customer inquiries across 60-hour weekly schedule, ensuring seamless operations
- Maintained real-time appointment scheduling system, coordinating with staff to optimize availability and accuracy

PROJECTS

Rental Operations Platform | Java, Spring Boot, PostgreSQL, Docker, Kubernetes, AWS, React — Jan. 2025

- Built and deployed a full-stack microservices platform using Docker/Kubernetes to automate property operations
- Developed secure, role-based dashboards using React and Tailwind for admin, cleaner, and maintenance teams

Production Banking Platform | Flask, PostgreSQL, JWT, Next.js, Tailwind — Mar. 2025

- Built Flask backend for 3-user finance app, enabling API-driven budgeting, account linking, and transaction history
- Designed PostgreSQL schemas with JWT-secured routes to manage budgets, categorize spend, and store summaries
- Reduced tracking effort by 90% by surfacing real-time insights and fraud flags to the frontend dashboard

Distributed Document Processing System | React, Supabase, OpenAI API, Tesseract.js — Jan. 2025

- Engineered a full-stack web app in JavaScript to extract and summarize financial documents using OCR and LLMs
- Utilized Tesseract.js for client-side OCR and OpenAI API to generate plain-language summaries of documents
- Enhanced document clarity by 80% through seamless text extraction and AI-driven simplification workflow

Multi-Language Translation Platform | Next.js, Google Cloud Vision, Translate API — Dec. 2024

- Developed a Next.js web app to translate scanned documents across 25+ languages for immigrant communities
- Implemented OCR with Google Cloud Vision achieving 95% accuracy on handwritten and printed text
- Reduced translation latency to under 2 seconds using Google Translate API for real-time output

Cloud Notification System | AWS Lambda, SNS, DynamoDB — Oct. 2024

- Created a serverless alerting system with custom triggers and under 3 second SMS/email notification latency