Steven Le

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Education

University of Maryland   August 2023 – May 2025
Bachelor of Science in Information Science | *GPA: 3.7*   *College Park, MD*

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   June 2024 – January 2025
Chosan   *Los Angeles, CA*

- Built microservices platform automating operations for 200+ units using Spring Boot, Docker, and PostgreSQL
- Replaced spreadsheet workflows with scalable, JWT-secured APIs, improving operational throughput by 40%
- Implemented 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
- Built comprehensive test suite with 90%+ coverage, preventing 40+ production bugs using JUnit and Postman

Technical Specialist   May 2021 – June 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
- Assisted over 300+ customers weekly, improving the overall store rating of customers by 20% since hiring

Projects

Rental Operations Platform | Java, Spring Boot, PostgreSQL, Docker, Kubernetes, AWS, React   January 2025

- Built a full-stack microservices platform to automate property operations (check-ins, cleanings, and maintenance)
- Deployed containerized services via Docker and Kubernetes (EKS) with Jenkins-based CI/CD pipelines
- Developed secure, role-based dashboards using React and Tailwind for admin, cleaner, and maintenance teams

Production Banking Platform | Next.js, Tailwind CSS, Prisma, PostgreSQL, Stripe   March 2025

- Built a multi-account banking platform with transaction logging, P2P transfers, and secure payment flows
- Integrated Stripe for payments and implemented NextAuth for secure server-side authentication

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

- Developed an OCR-powered tool to extract and summarize financial documents into plain English using Open AI
- Boosted user document comprehension by 80% by combining Tesseract and OpenAI APIs in a seamless workflow

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

- Built a translator for scanned documents in 25+ languages to support underserved immigrant communities
- Implemented OCR processing with 95% accuracy using Google Cloud Vision, with <2s translation latency

Cloud Notification System | AWS Lambda, SNS, DynamoDB   October 2024

- Created a serverless alerting system with custom triggers and <3s SMS/email notification latency
- Used SNS and Lambda to scale dynamically based on user-defined thresholds in DynamoDB