

Steven Le

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Education

University of Maryland

Bachelor of Science in Information Science | GPA: 3.7

August 2023 – May 2025

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 – Real estate startup managing 250+ units across 4 states; raised 7-figure seed funding

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
- Developed frontend with Next.js and Tailwind CSS; implemented backend using Prisma ORM and PostgreSQL
- Integrated Stripe for payments and implemented NextAuth for secure server-side authentication

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

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

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