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, JavaScript, TypeScript, Java, C++, SQL (MySQL), HTML/CSS
Frameworks/Libraries: React.js, Node.js, Next.js, Flask, MongoDB, GraphQL, Spring Boot
Developer Tools: Git/GitHub, Docker, Kubernetes, Firebase, AWS (Lambda, RDS, DynamoDB)

Experience

Software Engineer Intern June 2024 – September 2024
Chosan *Los Angeles, CA*

- Built full-stack web applications for the internal ops platform using React, Node.js, and AWS Lambda, reducing manual service workflows by 25% and supporting seamless, real-time operations for over 200 residential units
- Automated property management reporting with Python and SQL, cutting manual effort by 30%.
- Created Tableau dashboards to monitor service KPIs and risk metrics, enhancing executive decision-making
- Defined technical requirements and delivered MVP features in agile sprints with cross-functional teams
- Presented project findings and business impact analyses to senior leadership, shaping strategic product decisions

IT/Admin Support May 2021 – June 2024
Nail Design *Bel Air, MD*

- Managed front office operations including scheduling and client communications to ensure daily workflow efficiency
- Optimized and maintained the store's appointment scheduling system, reducing booking errors by 30% through real-time availability tracking and staff coordination

Projects

Personal Banking App | Next.js, Tailwind CSS, PostgreSQL, Chart.js, Prisma, Stripe API May 2025

- Spearheaded the development of a modern online banking platform with multi-account aggregation, transaction history, and real-time P2P transfers between users
- Integrated secure bank authentication and payments using Stripe API, enabling seamless financial transactions
- Delivered a scalable backend with Prisma and PostgreSQL, supporting features like account syncing and transaction categorization
- Deployed the platform to production via Vercel, implementing NextAuth for secure login and server-side authorization, along with rate limiting and error handling

Financial Document Simplifier | React, Supabase, OpenAI API, OCR (Tesseract.js) May 2025

- Developed a full-stack AI-powered web application that simplifies financial documents (e.g., loan agreements, credit card statements) using OCR and OpenAI, reducing reading time by over 80%.
- Integrated Tesseract.js for text extraction and OpenAI API to generate 5-second document summaries in plain language, boosting financial literacy for non-experts.
- Built a seamless user workflow using React hooks, Supabase storage, and secure API handling from file upload to AI-generated summary.

Immigrant Document Translator | Next.js, Google Cloud Vision, Google Translate API April 2025

- Built an AI-driven translator for scanned documents (e.g., birth certificates, diplomas), converting them into English in under 10 seconds using Google Cloud Vision OCR and Google Translate API.
- Designed a responsive UI with Next.js and Tailwind, enabling live previews and one-click document downloads.
- Translated documents in 25+ languages to assist underserved communities with language and legal access.

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

- Built a serverless cloud-based system using AWS Lambda, SNS, and DynamoDB to deliver email/SMS alerts
- Engineered Lambda functions to scan thresholds and publish messages to SNS topics for timely notifications
- Structured user-configurable triggers and notification preferences with a flexible DynamoDB schema