Steven Le

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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
- Promoted the shop through local SEO and social media campaigns, increasing customer traffic by 25%
- 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

Credit Card Fraud Detection | Python, Scikit-learn, Imbalanced-learn, Matplotlib February 2025

- Developed a fraud detection model using Logistic Regression, Random Forest, and Gradient Boosting on a real-world dataset with 284K+ transactions and severe class imbalance (0.17% fraud)
- Applied data preprocessing, feature scaling, and SMOTE oversampling to handle imbalance; achieved 94% recall and 92% F1-score with Gradient Boosting
- Evaluated model performance using precision-recall curves and fine-tuned hyperparameters with GridSearchCV for improved accuracy and reduced false positives

Scalable Property Management Platform | React, Firebase, Chart.js December 2024

- Built a React/Firebase full-stack app serving 50+ monthly Airbnb guests with check-in access and property details
- Reduced guest support inquiries by 40% by automating delivery of check-in instructions through dashboards
- Enabled property managers to track and resolve 100+ monthly service tickets via a real-time dashboard powered by Firestore and Chart.js

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

Education

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

- Relevant Coursework: Object-Oriented Programming I & II, Java Programming, C++ Programming, Assembly Language, Discrete Structures, Database Design, Web Development, Intro to Statistics, Calculus I & II