Kevin Chau

289-231-1251 | kev.chau03@gmail.com | linkedin.com/in/kevin-chau03/ | github.com/kevinchau03 | kevchau.dev

Education

Western University June 2026
Bachelor of Science Specialization in Computer Science *London, ON*

- **Relevant Coursework:** Data Structures and Algorithms, Computer Networks, Databases, Object-Oriented Design and Analysis, Internet Algorithms Organization of Programming Languages, Software Architecture

Technical Skills

Languages: Python, C++, Java, JavaScript/TypeScript, C, HTML, CSS
Technologies: React.js, Next.js, Node.js, Express.js, Django, MongoDB, PostgreSQL, Redis, AWS (EC2, S3, RDS, Lambda)
Developer Tools: Git, Docker, Figma, VS Code, Visual Studio, PyCharm

Experience

Software Engineer Intern Remote
Constant Closer *March 2025 – August 2025*

- Reduced daily Slack support tickets by over **95% (from 30+ to less than 2 per day)** by developing a self-serve dashboard with a guided campaign-creation wizard in **Django** and **Bootstrap**, enabling users to launch campaigns without support.
- Architected and implemented internal system features including team management, role-based access control, and invitation workflows with REST APIs and relational database models, supporting **50+ active users** managing dozens of teams.
- Optimized internal system performance by improving PostgreSQL indexing, introducing Redis caching, and implementing cursor-based pagination, reducing activity-feed load times by **98%** (from several seconds to under 100 ms).
- Built automated data ingestion workflows by developing a CSV upload and validation pipeline using **JavaScript**, **AWS Lambda**, and **S3**, enabling processing of email lists with **100,000+** records reliably and efficiently.

Software Engineer Intern Remote
HitMeUp.ai *May 2024 – September 2024*

- Increased lead conversions by up to **10%**, measured through Amplitude, by developing a sandboxed, responsive iframe chat widget that dynamically injected **HTML** from **Django** templates into client websites.
- Automated internal data collection workflows by building a **Python**-based metadata scraper with BeautifulSoup, improving data accuracy while reducing manual data entry effort.
- Developed the user-facing dashboard in **React Native**, implementing core user workflows with mobile-responsive UI and seamless integration with existing APIs.

Projects

AlphaBack | *AWS, Python*

- Designed and implemented a cloud-based model upload and management pipeline using **Amazon S3** and **DynamoDB**, supporting dozens of unique model artifacts across development and testing environments.
- Developed serverless REST APIs with API Gateway and Lambda to centralize model registration and retrieval, enabling **3+** backend services to integrate with a unified internal registry system.
- Introduced automated unit testing with pytest and mocked AWS services, achieving **80–90%** coverage and significantly improving reliability of model ingestion and registry workflows.

Eleet – LeetCode Discord Bot | *Node.js, TypeScript, MongoDB, Discord.js*

- Built an automated workflow system using Node.js, TypeScript, MongoDB, and REST APIs to schedule and distribute daily coding challenges, increasing engagement and consistency for **10+** users.
- Implemented scheduled posting with node-cron and timezone-aware dispatch (day.js), plus a no-repeat rotation algorithm persisted in Mongo to avoid duplicates.

Hair Salon Queue Manager | *Next.js, TypeScript, TailwindCSS, Vercel*

- Designed and deployed a full-stack queue management system using **Next.js**, **Prisma**, and **PostgreSQL (Neon)**, serving a real salon workflow with secure admin access, customer kiosk mode, and serverless APIs on Vercel.
- Architected a domain-driven queue engine with explicit state transitions and capacity rules, ensuring data consistency and preventing invalid operations (e.g., overbooking stylists, duplicate actions), improving system reliability under concurrent usage.