




Kevin Ly

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SKILLS

Programming Languages: JavaScript, Python, TypeScript, Java, SQL, C#, C++, HTML/CSS
Frameworks & Libraries: React, Next.js, Node.js, Express.js, Flask, GraphQL, TensorFlow
Developer Tools: Git, GitHub, Linux, Firebase, Postman, Docker, Kubernetes, AWS, Vercel
Databases: MongoDB, MySQL, PostgreSQL

EXPERIENCE

- Forem** Dec. 2024 – Present
Technical Writer Remote
- Published technical articles on DSA, systems, and dev tools, reaching **1,000+ readers and 300+ followers**.
 - Researched **10+** in-depth articles breaking down complex topics with code examples and real-world use cases.
 - Reviewed peer articles for technical accuracy, improving publishing quality and team efficiency.
- YAAANA** May 2024 – Aug. 2024
Software Engineer Intern San Diego, CA
- Built **Flutter** user profile features to ensure **100% completion** of onboarding fields and improve data accuracy.
 - Integrated **Firebase** with **RESTful APIs** to securely store, update, and retrieve user data with high accuracy.
 - Executed Android emulator testing with different use cases, increasing feature reliability by **90%** before release.
- Independent Contractor** Jan. 2023 – May 2024
Full-Stack Developer Remote
- Designed scalable backend architecture, logic, and databases (**SQL/NoSQL**), improving system performance.
 - Built modular components with **React** and **Next.js**, improving dev efficiency and reducing bug fix time by **95%**.
 - Delivered system diagrams and technical docs, improving client understanding by 80% and decision-making.

PROJECTS

- AlgoLocker** | *Next.js, React, TypeScript, TailwindCSS, Firebase, ESLint, Vercel* [Website](#)
- Founded and led **one of the few top utility projects** at FullyHacks Hackathon with **over 200 participants**.
 - Achieved over **70+ daily active users**, validating the app's effectiveness and growing user base.
 - Optimized authentication with Firebase and SendGrid, ensuring secure access and **100% email deliverability**.
- CodeMate** | *Next.js, React, Node.js, Express.js, PostgreSQL, MongoDB, Socket.IO, Docker, Redis* [GitHub](#)
- Founded a **real-time** collaborative coding platform for peer collaboration in interview prep.
 - Implemented **live code sync** and **chat system** with **Socket.IO** and **Redis**, achieving **under 100ms latency**.
 - Integrated **Judge0 API** for real-time code execution across multiple programming languages.
- SkyCast** | *Java, XML, Android Studio, Figma, Git/GitHub* [GitHub](#)
- Led a team of 2 to develop an Android weather application, achieving **95%** feature completion.
 - Implemented real-time weather updates and 5-day forecasts, allowing users to search for weather in any place.
 - Integrated **Weather API**, increasing data retrieval speed and ensuring accurate weather information by 99%.

LEADERSHIP

- AlgoSync** June 2024 – Present
Founder Remote
- Founded AlgoSync, a developer community connecting **50+ members** through technical blogs and discussions.
 - Transformed top-performing blogs into YouTube videos, reaching **300+ viewers** and increasing engagement.
 - Led content strategy and community outreach, fostering peer learning and consistent knowledge sharing.

EDUCATION

- California State University, Fullerton** Fullerton, CA
Bachelor of Science in Computer Science Aug. 2022 – Dec. 2024
- Orange Coast College** Costa Mesa, CA
Associate of Science in Computer Science Aug. 2019 – May 2022
- Awards:** OCC Honor's List (Fall 2020 – Spring 2021): GPA 3.5 – 4.0