





# Kevin Ly

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## SKILLS

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**Programming Languages:** JavaScript, Python, TypeScript, Java, SQL, C#, HTML/CSS  
**Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Flask, TailwindCSS, Socket.IO, TensorFlow  
**Tools:** Git, GitHub, Linux, Docker, Kubernetes, JSON, Android Studio, Visual Studio Code  
**Databases:** MongoDB, MySQL, PostgreSQL, Firebase  
**Cloud/Infra::** AWS, Vercel, Firebase Auth, Judge0, Stripe, REST APIs

## EXPERIENCE

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**Software Engineer Intern** May 2024 – Aug. 2024  
*YAAANA* *San Diego, CA*

- Built multi-platform onboarding system with Flutter & Firebase, improving user data completeness to 100%.
- Integrated secure email authentication with Firebase Auth & RESTful APIs, handling 10+ users securely.
- Conducted end-to-end testing on Android Emulator, reducing post-release bugs by 90%.

**Technical Writer** Dec. 2024 – Present  
*Forem (Dev.To)* *Remote*

- Authored 10+ deep-dive technical articles on DSA, AI, and the system with 1K+ views and 350+ followers.
- Simplified complex technical concepts into accessible content, improving reader engagement and reach by 60%.
- Used Git/GitHub to maintain code samples and increase article reproducibility and reader trust.

**Full-Stack Developer** Jan. 2023 – May 2024  
*Independent Contractor* *Remote*

- Architected 2 full-stack web apps using Node.js, Express.js, Next.js, and SQL/NoSQL for small businesses.
- Integrated Stripe and AWS S3, enabling secure transactions and scalable media storage.
- Collaborated with cross-functional contractors using Git, reducing delivery cycle by 30%.

## PROJECTS

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**AlgoLocker** | *Next.js, React, TypeScript, TailwindCSS, Firebase, ESLint, Vercel* [Website](#)  

- Led a 3-person team at FullyHacks Hackathon; selected Top 3 Utility Project out of 200+ participants.
- Implemented secure auth, CRUD task system & email notification; scaled to 70+ daily users.
- Designed UI/UX and integrated code editor for LeetCode solution management.

**CodeMate** | *Next.js, React, TypeScript, Node.js, Express.js, MongoDB, Socket.IO, Docker* [GitHub](#)  

- Built a real-time code collaboration platform supporting 4 users per room with under 100ms sync latency.
- Enabled multi-language code execution via Judge0 API, returning verdicts in 10s.
- Designed REST APIs, chat service, and implemented GitHub OAuth for secure user login.

**Bookuter** | *Next.js, React, Node.js, Express.js, JavaScript, MySQL, AWS S3, Stripe* [GitHub](#)  

- Developed a scalable bookstore platform with secure checkout, category filtering, and image storage.
- Designed schema relationships in MySQL and handled image uploads with AWS S3 for 50+ books.
- Integrated Stripe API for secure payments, completing 50+ beta transactions.

## LEADERSHIP

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**Founder** June 2024 – Present  
*AlgoSync* *Remote*  

- Founded and grew a developer community to 50+ members by sharing weekly blog content on software topics.
- Repurposed high-traffic blog posts into video explainers, increasing engagement by 70%.
- Led community outreach and content strategy, promoting a knowledge-sharing culture.

## EDUCATION

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