Kevin To

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Professional Summary

Software engineer skilled in agile workflows, focused on building scalable systems and optimizing APIs to enhance user experiences across platforms. Experienced in both backend and frontend development, delivering impactful solutions, and solving real-world problems for clients and stakeholders.

Tech & Tooling

Languages: JavaScript, TypeScript, HTML, CSS
Frameworks/Libraries: React, Svelte, Node.js
Databases: MongoDB, DynamoDB, Firebase
Cloud Services: Amazon Web Services (AWS), Google Cloud Services
Version Control: Git, GitHub, Bitbucket

Work Experience

Snap! Mobile/FanX   **July 2023 - Present**
Software Engineer I   *Remote - Seattle, Washington*

- Engineered serverless REST API optimizations, reducing data transmission by 45x and slashing page load times by 600%, greatly enhancing user experience.

- Contributed to the automation of client onboarding, enabling processing of 26 schools per minute with AWS lambda, accommodating up to 1500 schools per hour, streamlining operations significantly.

- Led integration of FanX's session-based authentication into Snap! Mobile's existing SSO system post-acquisition. Unified and streamlined login experience across platforms, reducing authentication-related issues and boosting cross-platform user activity.

- Led migration from Firebase to MongoDB, consolidating database operations and reducing infrastructure costs by 15% while improving query performance.

- Established comprehensive technical documentation system for new services, protocols, and user flows, reducing onboarding time for new developers.

- Led cross-functional integration of FanX CMS with Snap! Mobile products post-acquisition. Developed API solutions for seamless data sharing, reducing data entry time by 70% and improving content consistency by 85%. Collaborated across teams to enhance product ecosystem.

Self Employed   **September 2020 - January 2023**
English Teacher   *Łódź, Poland*

- Facilitated training sessions for diverse, remote teams within prominent European corporations like Siemens, Volkswagen, PKN Orlen, and BMW, customizing content to address the unique needs and goals of each department.

- Designed and structured comprehensive training programs incorporating clear learning objectives, interactive activities, and assessments to ensure effective knowledge transfer and skill development among students.

- Leveraged creative teaching techniques and digital tools to optimize engagement and foster interactive learning experiences, resulting in increased comprehension and retention of taught concepts.

Education

Associate of Arts in Social Sciences   **2015**
Northern Virginia Community College