

Tiffany Kim

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SUMMARY

Full-stack Software Engineer with 7+ years building production web applications end-to-end. Comfortable owning complete projects — from architecting REST APIs and database layers to designing and shipping polished front-end experiences. Experienced in Agile sprint teams, cross-functional collaboration, and delivering clean, maintainable code across the full stack.

EXPERIENCE

Software Engineer II | National Data Systems, Tustin, CA | April 2019 – March 2026

- Promoted to Front-End Lead within 6 months; recognized for exceptional performance and end-to-end technical ownership.
- Owned complete projects independently — designed and built an internal escrow review application from scratch, including the full front-end UI and a REST API backend.
- Delivered extensive API work: built and integrated RESTful endpoints, handled client-side data binding and dynamic rendering, and ensured reliable front-end/backend communication.
- Refactored file export process by migrating legacy exports to updated SQL connections, improving reliability and consistency across all report workflows.
- Built and maintained user-facing features using jQuery, vanilla JavaScript, and C# ASP.NET — including DOM manipulation, form validation, and API integrations.
- Led UX/UI improvements using Figma wireframes; modernized legacy pages and partnered with engineers to align on approach before development.
- Expanded core product with 2FA, SMS, fax support, and a redesigned dashboard. Led a team of 3 to ship global search across millions of records (JS, C#, ASP.NET, Kendo, SQL).
- Resolved 400+ bugs; collaborated with PM on sprint planning, backlog refinement, and effort estimates. Used Jira daily, migrated to Azure DevOps.
- Built a Playwright E2E test suite integrated into the Azure DevOps beta deploy pipeline as a postRouteTraffic step, with TOTP auth and secrets via Azure Key Vault.

The Human Hive | Full-Stack Personal Project | [thehumanhive.net](#) | April 2026 – Present

- Built a production community forum platform from scratch — React + Vite frontend with component-based architecture, inline reply flows, and real-time upvoting without page reloads.
- Architected and shipped a RESTful ASP.NET Core Web API with Entity Framework Core and PostgreSQL (Railway), covering auth, posts, hive membership, and upvoting end-to-end.
- Implemented JWT-based authentication with optional SMS phone verification; added bot protection and rate limiting on post endpoints.
- Deployed frontend to Vercel with a custom domain and SPA routing config; managed API secrets and environment variables on Railway.
- Improved page load time by 75%+ by adding targeted PostgreSQL indexes on membership, post creation, and flagging columns.
- Iterated on UX continuously: resolved phone hash uniqueness conflicts, fixed refresh routing (vercel.json), and refined hive join/management flows from real usage.

EDUCATION

B.S. — California State University, Fullerton | Graduated Fall 2017 Relevant Coursework: Java, Python, C++, C#, SPSS

Web Development Program — Learning Fuze, Irvine, CA | Graduated Fall 2018

TECHNICAL SKILLS

Languages: JavaScript, jQuery, C#, SQL, PHP, HTML, CSS / SCSS, Node.js

Frameworks & Libraries: React.js, Redux, ASP.NET Core, Bootstrap, Materialize, Kendo UI, MUI, Axios, Ajax

APIs & Data: REST API design & integration, File Exports, SQL query optimization, PostgreSQL, Entity Framework Core

Testing & DevOps: Playwright (E2E), Azure DevOps, Azure Key Vault, Git, GitHub, Tortoise SVN, Postman

Cloud & Deployment: Vercel, Railway, AWS, Firebase, Azure

Design & Process: Figma, Wireframing, Responsive Design, Jira, Agile / Scrum, Backlog Refinement

Familiar With: Python, Java, C++, Regex

PERSONAL

Outside of work I enjoy deep sea fishing, bouldering, and tennis — always up for a challenge on and off the keyboard. I'm a self-driven builder who learns best by shipping real things — Human Hive went from idea to live production app in under two weeks.