

# TOMOMI KOSAKA

Los Angeles, California

<https://tomomi-kosaka.vercel.app> | <https://www.linkedin.com/in/tomomi-kosaka/>

## SUMMARY

Detailed-oriented and proactive Full Stack Engineer specializing in building modern, scalable web applications using React, TypeScript, Next.js, Node.js, Prisma, tRPC, and PostgreSQL. Comfortable working across the full stack, improving code quality through testing, debugging, and collaborative problem-solving. Thrives in cross-functional, people-first environments where open communication and teamwork are valued.

## SKILLS

**Languages:** Javascript, Typescript, SQL, HTML5, CSS, Python

**Frameworks & Libraries:** React.js, Next.js, tRPC, Node.js, Prisma, TanStack Query, Radix UI, Jest, Vitest, BullMQ

**Database & Industry Tools:** PostgreSQL, Docker, OpenFGA, Zitadel, Jira, Sentry, Git/GitHub

**Core Competencies:** Full-Stack Development • Testing & Debugging • API Design • CI/CD • Agile/Kanban Collaboration • UI/UX Implementation

## EXPERIENCE

**Dispel, LLC** - a cybersecurity company providing secure remote access solutions.

### Full Stack Software Engineer

04/2025 – Current

- Serve as the primary technical point of contact for a key project expanding into international markets.
- Collaborate with PMs to clarify implementation details and ensure alignment between technical design and product requirements.
- Partner with designers to implement responsive, accessible UI components matching their vision.
- Provide detailed QA documentation outlining test steps, expected outcomes, and release notes to streamline validation.
- Proactively propose and deliver new features and bug fixes, improving system maintainability and user experience.
- Debug complex issues using database queries, monitoring tools, and code analysis, accelerating problem resolution.

### Associate Full Stack Software Engineer

02/2024 – 04/2025

- Implemented and maintained unit tests with React Testing Library and Vitest, achieving over 90% test coverage and improving code reliability.
- Built well-scoped full-stack dashboard features in collaboration with product and design teams.
- Participated in code reviews, providing constructive feedback to enhance overall code quality.
- Integrated i18n support, including QA validation for Japanese localization.

### Hack for LA

#### Software Engineer

07/2023 – 02/2024

- Contributed to maintain the Hack For LA website by addressing a variety of issues, including content updates, ensuring the website remains up-to-date and relevant.
- Demonstrated a commitment to quality control and collaboration by following a Kanban workflow and conducting thorough reviews of pull requests, offering detailed feedback to enhance code quality.
- Collaborated with other volunteers to tackle an issue with implementing ESlint.

### Springboard

#### Software Engineer Fellow

06/2022 – 08/2023

- Completed an 800-hour course covering key aspects of front-end web development, back-end web development, databases, and data structures and algorithms.
- Gained expertise on Web Development, Javascript, DOM Manipulation, Event Driven Programming, Git/Terminal/GitHub, Modern JavaScript and Testing, AJAX, ReactJS, Redux, SQL, PostgreSQL, Flask, Node.js, Express, Data Structures and Algorithms.

## PROJECTS

### Podcast Search - Full Stack Web Application

- Github: <https://github.com/Tomomi-K1/podzoo-fullstack>
- Tech:ReactJS, Express, Node, PostgreSQL, Material UI
- Highlights:
  - Implemented an authorization token middleware to enhance application security and access control.
  - Designed a comprehensive database schema to support the creation of a web application.
  - Applied OOP principles to both frontend and backend development, ensuring modular and maintainable code.

## EDUCATION

**Nicholls State University**, Thibodaux, LA

**Bachelor of Arts in Mass Communications** GPA: 3.75/4.00