

Shunsuke Akiya

shunakiya@gmail.com | La Quinta, CA | (760) 396-6932 | <https://linkedin.com/in/shunsuke-akiya>

Skills

Technologies: Next.js, React, TypeScript, JavaScript, Tailwind, HTML, CSS, Python, Flask, MongoDB, Git, Figma, Vercel

Concepts: Full-Stack Development, Front-End Development, Object-Oriented Programming, Data Structures and Algorithms

Languages: English (Native), Japanese (Business-level)

Professional Experience

Full-Stack Engineer

Autumn Valley International Inc.

Dec 2024 - Jan 2025

La Quinta, CA

- Produced a user-centric company website during a part-time winter break contract, prioritizing engagement and interactive features using Next.js, TypeScript, and Tailwind.
- Embedded EmailJS and i18next, expanding global accessibility through streamlined email and multilingual functionality.
- Incorporated a dynamic globe feature to visually display all exported locations, enhancing website interactivity.

Software Developer Intern

LOGISTEED Solutions America Ltd.

Jun 2024 - Aug 2024

Torrance, CA

- Developed a Full-Stack worklog application using Svelte, Flask, and MySQL for database management, enhancing company-wide productivity and streamlining task management processes.
- Integrated Login Authentication, CRUD functionality, and an intuitive UI using Tailwind, elevating UX and data security.
- Optimized application performance and scalability through effective system design and implementation, resulting in faster load times and the ability to handle increased user traffic

STEM Program Teaching Assistant

Palm Desert High School STEM Program

Jun 2018 - Jul 2018

Palm Desert, CA

- Instructed elementary and middle school students in programming and robotics by leading STEM activities that foster technological literacy, improve problem-solving skills, and encourage active participation through clear instruction and guided leadership.

Selected Projects

Waypoint - AI Itinerary Planner

Jun 2025 - Present

- Spearheading an AI-powered travel automation tool using Next.js, TypeScript, Tailwind, Supabase, Stripe, Perplexity API, and Google API to automatically generate and schedule personalized trip itineraries.
- Architecting secure user authentication and data management with Supabase and Google Sign-In, while integrating Stripe for seamless payment processing and Perplexity API for real-time research on destinations, hours, prices, and local insights.
- Automating the creation of calendar agenda directly on users' Google Calendars, intelligently factoring in budget, downtime, crowds, proximity, and must-see prioritization to deliver stress-free, optimized travel experiences.

Secure Access Lock System with NFC and Biometrics

Aug 2024 - May 2025

- Deployed a user-friendly web app using Next.js, TypeScript, and Tailwind that interfaces with a Raspberry Pi to control a custom-made smart lock, collaborating with a multidisciplinary team using Agile methodologies for iterative development.
- Engineered the authentication system for the lock using MongoDB to manage user credentials, along with secure RESTful API communication between a front-end and a back-end for fingerprint and NFC access control.
- Integrated a multi-platform system with a modern web interface using Tailwind CSS, ensuring a seamless and intuitive UX.

Ponder

Feb 2025 - May 2025

- Developed a modern, clean, and user-friendly interface using Next.js, TypeScript, and Tailwind, elevating user experience through intuitive design principles.
- Connected Merriam-Webster, GNews APIs and Cheerio to deliver accurate definitions, examples, and efficient web scraping, providing comprehensive content.
- Enhanced usability and accessibility by implementing responsive design and best practices, ensuring the app delivers a seamless experience across devices and for all users.

Education

California State University, San Bernardino

Aug 2021 - May 2025

Bachelor of Science, Computer Engineering

San Bernardino, CA

- GPA: 3.74 / 4.0 (Cum Laude) | 8x Dean's List
- Notable Courses: Data Structures and Algorithms, Algorithm Analysis, Platform Computing