Shunsuke Akiya

in/shunsuke-akiya | shunakiya@gmail.com | /shunakiya | 📍 La Quinta, California | 🌐shunakiya.dev | (760) 396 - 6932

Summary

- Full Stack Engineer with hands-on experience building responsive, scalable web applications using React, Next.js, TypeScript, and modern technologies. Skilled in writing clean, maintainable code and integrating APIs, with strong communication skills and a collaborative approach. Passionate about creating user-focused products, employing best practices, and contributing to inclusive teams with strong communication and a drive for continuous learning.

Education

CSU San Bernardino | *Bachelor of Science, Computer Engineering*   San Bernardino, CA (Aug 2021 - May 2025)
- GPA: 3.77 / 4.0 (Magna Cum Laude) | **8x Dean's List**
- Notable Courses: Data Structures and Algorithms, Algorithm Analysis, Platform Computing

Skills

Technologies: React, Next.js, Tailwind CSS, TypeScript, JavaScript, Python, Flask, MongoDB, Git, Figma, Vercel
Concepts: Object-Oriented Programming, Data Structure and Algorithms, Full-Stack Development
Languages: English (Native), Japanese (Business-level)

Professional Experience

Software Engineer | *Autumn Valley International, Inc.*   La Quinta, CA (Dec 2024 - Jan 2025)
- Produced a user-centric company website, prioritizing engagement and interactive features using React, TypeScript, and Tailwind CSS.
- 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.*   Torrance, CA (Jun - Aug 2024)
- 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 designed an intuitive UI using Tailwind CSS, elevating overall UX and data security.
- Optimized application performance and scalability through effective system design and implementation.

Summer Camp Mentor | *EV3 & NXT Mentor for Robotics Summer Camp*   Palm Desert, CA (Jun - Jul 2018)
- Led interactive STEM activities, instructing elementary students in programming and robotics fundamentals, while promoting technological literacy and problem-solving skills through hands-on demonstrations and collaborative projects.

Relevant Projects

Secure Access Lock System with NFC and Biometrics | *Senior Project*   San Bernardino, CA (Aug 2024 - May 2025)
- Deployed a user-friendly web app using Next.js, Typescript, and Tailwind CSS that interfaces with a Raspberry Pi to control a custom made smart lock.
- Engineered the authentication system for the lock using MongoDB to manage user credentials, along with secure 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 | *A fast, simple and lightweight dictionary app*   San Bernardino, CA (Feb 2025 - May 2025)
- Developed a modern, clean, and user-friendly interface using Next.js, TypeScript, and Tailwind CSS, 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.
- Crafted a modern, clean, and user-friendly interface, elevating user experience through intuitive design principles.

3 Search Algorithm Project | *DSA Course Java Project*   San Bernardino, CA (Fall 2023)
- Designed graph search algorithms (DFS, BFS, A* Search) in Java to enable efficient traversal and pathfinding solutions.
- Applied object-oriented programming principles like abstract classes, interfaces, and inheritance to structure scalable and modular code architecture.
- Developed pathfinding solutions for Maze and Sliding Puzzle environments to demonstrate practical applications of search algorithms in problem-solving.