

# Noah Kim

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## EDUCATION

### University of Southern California

Bachelor of Science - Computer Science

Los Angeles, CA

Graduated December 2023

## EMPLOYMENT

### Software Engineer

January 2024 – Present

Best Choice Products

Remote/Hybrid - Newport Beach, CA

- Using **Angular** and **Tailwind**, led the front-end overhaul of the warehouse management system by replacing Material UI with custom-built components based on Figma designs, improving performance and modernizing the interface. This upgrade improved the workflow for warehouse staff, managers, and executives.
- Enhanced the warehouse application's backend with **Java**, **Spring Boot**, and **Azure SQL**, continuously implementing new features and improvements leading to increased operational efficiency and cost savings.
- Communicated directly with warehouse managers to identify and deliver timely bug fixes, ensuring smooth operations and addressing user needs effectively.

### Full-Stack Developer

August 2019 – December 2023

JMPforce (part-time)

Remote - Las Vegas, NV

- Enhanced the daily lives of 120+ elderly care facility residents by developing an application using **JavaScript** and **PHP** to update and display the daily food menu on smart TVs, which also streamlined workers' tasks
- Collaborated with a five-person development team to develop a full-stack custom virtual-event platform for American International Group (AIG), a major financial services company, using **JavaScript**, **PHP**, and **MySQL**
- Leveraged **JavaScript**, **PHP**, and **PostgreSQL** to develop a web app for CSV data processing, effectively managing billing and remittance records. Implemented graphical reports to enable actionable insights.

## PROJECTS

### AI Sales Agent Dashboard | *Next.js, Vercel, PHP, PostgreSQL, Bland.AI*

August 2024

- Used Bland AI's platform (infrastructure for building AI phone calling) to build out pathways for multiple clients and connect my endpoints to pre, post, and in-call webhooks using Next.js, deployed with Vercel.
- Created a sales dashboard for clients to view their sales data, such as conversion rates and leads per day, to provide greater visibility on the AI agent's performance.
- Developed an interface for clients to edit business-specific information, such as hours, agent name, and sales pitch.

### TheBrowserBot | *React.js, OpenAI API, SpeechRecognition API, Spotify API*

August 2023

- Developed a natural language processing voice command interface for a study and work assistant dashboard with React as the frontend, enabled by OpenAI combined with SpeechRecognition
- Users have the ability to talk to ChatGPT, conduct Google searches, and create study sessions through personalized music playback from their Spotify account, accompanied by a timer for enhanced productivity
- Implemented Spotify OAuth, along with cookies to track user sign-in status and manage their token ID

### ETAForecast | *React.js, Express.js, Google Directions API, Google Places API*

August 2023

- Developed a user-friendly React + Express app to help people avoid traffic by showing a forecast of travel times
- Used Google Directions API for real-time traffic data to display reliable estimates in 30-minute intervals
- Implemented a color-coded system (green, orange, red) to represent traffic levels

### EasyTeamUp | *Java, Android Studio, Google Firebase (Realtime Database + Auth)*

January 2022 - May 2022

- Created a Java-based Android app to foster collaborative study and work opportunities
- Implemented event creation and real-time notifications through Google Firebase Realtime Database
- Used Google Firebase for user sign-up/sign-in capabilities

## TECHNICAL SKILLS

**Languages:** JavaScript, Typescript, Java C++, C, PHP, Swift, SQL, HTML, CSS

**Libraries:** React.js, Tailwind CSS, Vercel AI SDK

**Frameworks:** Angular, Spring Boot, Next.js, Express.js, Bootstrap

**Developer Tools:** Git, Copilot, Vercel, MS SQL, MongoDB, MySQL, BigQuery, PostgreSQL, phpMyAdmin

**Platforms:** AWS, Docker, Google Cloud, WordPress