

Wilkin Ruiz Valerio

Software Engineer

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TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, HTML, CSS

System Design: Monolithic Systems, Microservices, Message Passing, CI/CD, CORS, JWT, DRY

Front-End: React, Bootstrap, Tailwind, WebSockets

Back-End: Node.js, Express.js, Django, PostgreSQL, MongoDB, RabbitMQ, Fast API, MySQL, SQLite, REST API, NoSQL, and Firebase

AI/ML: Google Gemini AI, AWS Bedrock, Pinecone

Cloud Services: AWS (EC2, S3, Lambda, RDS, CloudFormation), Vercel, Firebase, Google Cloud Services(GCS)

Other Skills: Bilingual(English/Spanish)

WORK EXPERIENCE

Freelance Software Engineer

November 2023–Current

Palm Partners

Remote

- Designed and implemented a robust platform for a Florida-based public adjusting company, enhancing claim management and client interaction.
- Integrated key features to improve accessibility and service delivery, streamlining operations for the public adjuster’s website.
- Ongoing updates and improvements to the website to ensure optimal performance and incorporate new features based on client needs.

Freelance Software Engineer

June 2023–Current

FJZ.LLC

Remote

- Streamlined application data management with Firebase backend services, boosting operational efficiency.
- Increased tenant screening efficiency by 40% and decreased vacancy rates by 20% by engineering an AI-powered evaluation feature using Firebase.
- Continually perform updates and maintenance on the website to enhance functionality and address user feedback.

OTHER EXPERIENCE

Lead Waiter

February 2021–October 2022

Main Street Kitchen

Walnut Creek, CA

Correctional Officer

June 2017–September 2020

NYC Department Of Correction

New York, NY

TECHNICAL PROJECTS

Customer Support AI | Software Engineer | *Next.js, React, Gemini AI, Vercel, Pinecone* August 2024–Current

- Engineered a customer support chatbot using RAG (Retrieval-Augmented Generation) to deliver contextually relevant information, improving user satisfaction and response accuracy.
- Deployed the application on Vercel, leveraging Pinecone and AWS Bedrock to enhance AI model performance and scalability.

AI Flashcards | Software Engineer | *Next.js, React, Firebase, Google Gemini, Clerk, Stripe* August 2024–Current

- Collaboratively developed an AI-powered language flashcard application that generates flashcards with words, pronunciations, and English meanings based on the selected language, aiding in vocabulary acquisition.
- Implemented Stripe for seamless payment processing and Clerk for secure user authentication, ensuring a smooth and efficient user experience

Cookit | Software Engineer | *Python, JavaScript, FastAPI, Tailwind, PostgreSQL* April 2023 - June 2023

- Developed and launched a robust recipe management web application, driving user engagement among culinary enthusiasts and streamlining meal planning for busy individuals.
- Enhanced recipe acquisition by integrating a third-party API, reducing data retrieval times, and enhancing user experience with faster access to information.

EDUCATION

Hack Reactor

Advanced Software Engineering Immersive Program

Remote

2023

AWS Cloud

AWS Cloud Practitioner Certificate

Remote

2024

Headstarter Fellowship

Software Engineering Fellow

Remote

2024