Jorge Raul Ochoa-Reyes

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EDUCATION

California State University, Fresno   Fresno, CA
Bachelor of Science in Computer Science   *Aug. 2018 – May 2022*

EXPERIENCE

Founding Software Engineer   July 2022 – Nov. 2024
Byte Kitchen   *San Mateo, CA*
- Developed multiple full-stack applications using Next.js and mobile applications using React Native that were used in 20+ restaurants.
- Created API and documentation for a catering order aggregator which pulled from 13+ catering platforms APIs and emails, along with creating forecasting API for orders.
- Created integrations between variety of IOT devices for mobile apps and websites to utilize thermometers, and printers.

Software Engineer   May 2022 – July 2022
Byte Kitchen   *San Mateo, CA*
- Developed sales aggregator to consolidate 10+ different storefronts and 6+ different third party sources.
- Developed mobile application for workflow automation which was integrated with a thermometer.
- Created automated sales emails using Cron Jobs to analyze sales trends and consolidate multiple locations sales, along with sending sales information to TurboTax API.

Undergraduate Research Assistant   August 2021 – May 2022
California State University, Fresno   *Fresno, CA*
- Developed Virtual Reality (VR) applications to analyze a variety of users reaction and performance with different virtual input methods.
- Developed different layouts and user controls in Unity and C# for the Oculus Quest, with each layout focusing on ease of use, speed, compactness, or organic movement.
- Submission made to NASA MINDS projects as proposal for replacing Space Shuttle clunky and outdated hardware with virtual command boards.

PROJECTS

Inspector General | *Next.js, LangGraph, Gemini, Github API, Next-Auth, TRPC, Postgresql*   Jan. 2025 – Present
- Created a full stack web application that analyzes GitHub Repositories, allows user to chat with their repository, and reviews pull request.
- Used Gemini and LangGraph for full repository code analyzes, and GitHub API to retrieve users selected repositories.
- Authentication handled via Next-Auth, using three different providers, Discord, Google, and Github.
- Front end is written using Next.js and uses Shadcn/ui and Framer-Motion for fluid and visually appealing UI.

Source.it | *Next.js, LangGraph, Tavily, Google Cloud Transcribe and Vision API*   Nov 2024 Present
- Full stack application to fact check text, images, and audio using GCP and LangGraph.
- Implemented text extraction and audio transcription using Google Clouds Transcribe and Vision API.
- Implemented research agent using LangGraph and Open AI, which used Tavily for web search.
- Utulized Google Cloud Storage to store Audio and Images from user which were scheduled for automatic deletion.

TECHNICAL SKILLS

Languages: Typecript, JavaScript, Python, C#, SQL (Postgres), HTML/CSS, NoSQL (Firestore).
Frameworks: Next.js, React, Node.js, Flask, Tailwindcss, Shadcn/ui, Unity.
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, Github Copilot, V0.dev.
Libraries: Google-cloud, Firebase, LangGraph/LangChain, pandas, Prophet.