David Rodríguez Coto

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PROFESSIONAL EXPERIENCE

Software Engineer   Remote, Costa Rica
ViaPeople Inc.   **Sept 2023 – Present**

- Developed **scalable full-stack solutions for the 'AI Search' application** using **React (Front-End)** and **Node.js (Back-End)**. Optimized **OpenAI API** endpoints to generate tailored responses with improved token efficiency and response times.
- Led the **implementation and documentation of AI Summaries** and **AI Goals Suggestions** within the **Legacy Platform**. This involved designing advanced **SQL scripts**, implementing **Java-based solutions**, and integrating the **OpenAI API** to enhance functionality and streamline the client review process.
- Contributed to the **Back-end development of the Legacy Platform for the top 10 Clients**, creating customized HR Forms tailored to client specifications with **Java, SQL and Excel**.
- **Documented** new features comprehensively, including **technical specifications**, **API usage guides**, and team **onboarding materials**, ensuring smooth knowledge transfer and operational efficiency.
- Actively collaborated in an **agile environment**, leading code reviews, managing pull requests, and mentoring junior developers to promote best practices and code quality.

Software Developer Intern   Remote, Costa Rica
CREAM Analytics   **Jan 2023 – May 2023**

- Designed and implemented **REST APIs** using **Java** and **Spring Boot**, ensuring high performance and reliability.
- Developed 5+ front-end components with **Angular**, focusing on responsive and intuitive **user interfaces**.

EDUCATION

Universidad Cenfotec   Alajuela, Costa Rica
Bachelor's degree, Software Engineering   **Jan 2021 – July 2024**

- **Honorary mention** awarded for academic excellence.
- **Capstone Project:** Developed a **comprehensive web and mobile application** for trip planning, utilizing MVVM architecture for scalability and maintainability. Integrated the latest **OpenAI technologies** to deliver AI-powered recommendations, providing personalized and dynamic travel suggestions to enhance user experience.

SKILLS

Programming Languages	Frameworks / Libraries	Databases	Tools and Platforms
- Java	- React.js	- PostgreSQL	- Git
- Python	- Angular	- MSSQL	- Docker
- JavaScript	- Node.js	- MySQL	- AWS
- Typescript	- Spring Boot	- PL/SQL	- Firebase
- C#	- Jest		- Azure
- Kotlin	- JUnit		

Languages: English (C1), Spanish (Native)