

David Rodríguez

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WORK EXPERIENCE

ViaPeople Inc.

Sep. 2023 – Present

Software Engineer

San José, Costa Rica

- Designed and built scalable AI applications leveraging GPT-4 via Azure AI Services, enabling dynamic chat-like interfaces and intelligent data summarization. Stack: Node.js (Typescript); PostgreSQL; React (Typescript); OpenAI; AWS; Azure AI Services.
- Engineered a custom chunking mechanism to process up to 1M tokens, optimizing memory usage and ensuring high performance in AI-driven workloads.
- Implemented secure multi-tenant PostgreSQL database isolation, enabling client-specific data access and enhancing application-level security.
- Managed cloud infrastructure across dev, QA, and production, using AWS services, Firebase Authentication, and CI/CD pipelines to ensure scalable and reliable deployments.
- Enhanced AI-powered performance summaries using AWS Lambda, API Gateway, and OpenAI/AWS Bedrock, improving availability and insight accuracy.
- Developed customizable employee performance review tools, supporting leadership initiatives to drive growth and engagement. Stack: Java, Spring Boot, MSSQL, Excel, HTML, CSS, JavaScript.
- Created and maintained legacy backend endpoints using Spring Boot that interfaced with AI applications through secure, high-performance data transfer methods, ensuring seamless synchronization and data integrity.
- Built REST APIs and backend business logic in Java and Spring Boot to support HR operations, improving data accuracy and process automation.
- Played an active role in code reviews and Agile ceremonies, helping to create a collaborative and growth-oriented team culture.

Cream Analytics

Jan. 2023 – May 2023

Software Developer Intern

San José, Costa Rica

- Completed hands-on training in full-stack development with a focus on Spring Boot, Java, and Angular.
- Refactored unit tests and improved code readability, contributing to better maintainability and team onboarding.
- Developed and deployed RESTful APIs using Java and Spring Boot for customer-facing features.
- Built real-time data visualizations for customer ratings using Angular, enhancing the user experience with dynamic graph components.
- Streamlined PostgreSQL workflows by implementing Flyway migrations for efficient database version control.

EDUCATION

Universidad Cenfotec

2021, 2024

Bachelor's degree, Software Engineering

San José, Costa Rica

- **Honorary mention awarded for academic excellence.**

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** [AWS Certified Solutions Architect – Associate](#)
- **Technologies:** Java, JavaScript, Typescript, Python, Kotlin, React, Angular, Node.js, Spring Boot, Jest, Junit, PostgreSQL, MSSQL, MySQL, Git, Docker, AWS, Firebase.
- **Skills:** Full-Stack Development, Cloud Computing, AI Integration, Database Management, Unit Testing, Agile Methodologies, Technical Documentation, Problem Solving.