MATIAS ACOSTA - Software Engineer

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Software engineer with over 3 years of experience in the development of web applications and other software applications. Strong ability in troubleshooting and problem-solving related to software solutions and have effectively worked in both small and large teams across multiple projects.

PROFESSIONAL EXPERIENCE

❖ **Promtior** - Montevideo, Uruguay

AI Engineer, Aug 2024 - Current

Responsibilities

- Develop AI-driven software solutions to support business objectives and improve product functionality. Work and collaborate with teams to deliver scalable, reliable, and user-focused applications.

Accomplishments

- Contributed to the development of a conversational voice chat feature by integrating OpenAI's Realtime API using WebRTC with a custom agent built using LangGraph and LangChain.

- Built and deployed an AI-powered application for processing news from multiple sources — including websites, YouTube videos, text documents, and multimedia files which has already processed over 1,000 news items.
  - Tech stack: Python (FastAPI) for backend services, Azure Kubernetes Service (AKS) for container orchestration, Neo4j for graph data management, Azure SQL for relational storage, and Next.js for front-end development.

- Built and deployed an agent that handles Azure DevOps operations through a custom MCP Server and a RAG system, enabling more accurate search and retrieval of work items across projects, with daily active users.

❖ **Banco de Corrientes SA** - Corrientes, Argentina

Full Stack Developer, May 2022 - Aug 2024

Responsibilities

- Develop and maintain web applications, ensuring high performance and reliability.

- Design and implement backend APIs for asynchronous data processing and integration with external systems.

- Collaborate with cross-functional teams to deliver user-centric and scalable solutions.

Accomplishments

- Launched a web homebanking application that grew to over 15,000 daily active users within the first six months post-launch.
- Contributed to the development of multiple banking projects, enhancing system efficiency and improving overall user experience.
- Developed a Node.js API using RabbitMQ as a queuing system for asynchronous information processing, improving system efficiency and responsiveness.

EDUCATION

❖ **Information Systems Engineering** at Universidad Tecnológica
   Nacional Resistencia, Argentina

Mar 2019 - Apr 2024

During my academic journey, actively participated in multiple projects that
enhanced my technical and collaborative skills, but the most significant are the
following:

- **Twist - Course: Final Project**
  - Built a dating app using React Native + Expo for frontend and NestJS
    and Spring Boot for backend. Also, used Firebase services such as
    Firebase Auth to manage authentication and Firestore as a database.
- **Fantur - Course: Client-Server Application Development**
  - Built a RESTful API to manage travel packages for the FIFA World Cup
    in Qatar 2022 using Spring Boot and MySQL.

SKILLS

Soft and technical

- ☑ Nodejs
- ☑ Angular
- ☑ Reactjs
- ☑ React Native
- ☑ Git
- ☑ Docker
- ☑ RabbitMQ
- ☑ Python

- ☑ Next.js
- ☑ Tailwind CSS
- ☑ CSS
- ☑ SQL
- ☑ NoSQL
- ☑ Design
  Patterns

- ☑ Agile
- ☑ Teamwork
- ☑ Problem
  solving
- ☑ Client focus