RAYMOND NEGRON VAQUI

Software Developer

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SUMMARY

4+ years of experience specializing in backend development and cloud-native solutions. Skilled in building **scalable microservices architectures** using **Node.js, Python, and AWS**, with expertise in database integrations (**Postgres, DynamoDB, MongoDB**) and real-time communication systems. Adept at collaborating in cross-functional teams and passionate about delivering innovative, efficient solutions. Committed to continuous learning and advancing technologies that drive measurable impact.

EXPERIENCE

Software Developer
Lima, Peru
2024 - 2025

BLUEPOINT AI S.A.C.S.

Contributed to the **end-to-end development of backend applications** using **Node.js** and the **NestJS framework**, building a scalable microservices architecture from scratch. Designed and optimized database integrations with **Postgres (via Prisma ORM)** and **DynamoDB**, while implementing real-time communication through **AWS Lambda and WebSocket APIs**. Ensured secure access and user management by integrating **AWS Cognito authentication** across services.

- **Built and deployed a microservices-based backend** from the ground up, enabling modular scalability and maintainability while supporting thousands of concurrent real-time connections.
- **Implemented real-time notifications system** leveraging AWS Lambda and WebSockets, improving system responsiveness and user engagement by delivering instant updates.

Python Developer (Freelance)
New York, USA
2023 - 2025

Level Up Technology

Backend Developer focused on building and **optimizing high-performance API solutions** using **Python (Flask)**. Responsible for the full API lifecycle, including design, implementation, testing, deployment, and ongoing optimization. Worked with **MongoDB** to handle high volumes of data and implemented **parallelized processing**, achieving significant performance improvements. Ensured reliability, scalability, and security across API endpoints, while actively troubleshooting and debugging critical issues.

- **Accelerated core processing by 4x** through the design and implementation of parallelization strategies, significantly improving system efficiency and responsiveness.
- Successfully integrated **MongoDB** to manage and query large-scale datasets, ensuring robust performance and scalability for data-intensive applications.

Software Developer
Arequipa, Peru
2022 - 2023

BITMAKER

Developed **web applications** using **React (TypeScript)** and **Django**, focusing on backend performance optimization and UI/UX improvements. **Enhanced** the main development platform by implementing critical features, refining database management, and improving interface usability.

- Contributed to the **successful launch of Estela**, an innovative platform released to the public.
- **Optimized platform performance**, achieving faster load times and a smoother user experience through backend and database enhancements.

EDUCATION

M.Sc. in Data Science
2024 - Present

San Pablo Catholic University

B.Sc. in Computer Science
2017 - 2022

San Pablo Catholic University

PROJECTS

Collyn – Order Management

- Designed and developed a **web-based SaaS platform** for creating, tracking, and managing client orders in real-time.
- Built with **React (TypeScript)** for the frontend and **Django (Python)** for the backend, with **PostgreSQL** as the database.
- Deployed with **Vercel** (frontend) and **Heroku** (backend).

- collyn.vercel.app

Somer – Stock Management System

- Developed a **web application** to monitor product entries, movements, and distribution across multiple stores.
- Built with **React (TypeScript)** for the frontend and **Django (Python)** for the backend, with **PostgreSQL** as the database.
- Deployed with **Vercel** (frontend) and **Heroku** (backend).

- somer.lat