Paulo Llanos Colchado

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Professional Summary

Software Developer with over 4 years of experience in frontend and backend development, specialized in building interactive, scalable, and high-performance web applications. Expert in React, Next.js, Node.js, and Python, with a proven track record in complex migrations, performance optimization, modular design, and microfrontend architecture. Passionate about modern technologies (Zustand, React Query, Tailwind, ShadCN/UI) and Generative AI, with strong expertise in API development and geospatial solutions. Recognized for delivering high-impact solutions and leading technology innovation projects.

Professional Experience

Software Developer

Belcorp | Apr 2025 – Present

- Developed automations with UnifyApps for notifications across 12 countries.

- Created and optimized SQL Server Stored Procedures, reducing response times in critical processes.

- Implemented and maintained the recruitment platform (uneteabelcorp.com) with React and GraphQL.

- Provided support and maintenance for the SoporteBelcorp platform in .NET Framework.

- Stack: UnifyApps, React, GraphQL, .NET Framework, SQL Server.

Frontend Specialist

Rimac Seguros | Nov 2023 – Mar 2025

- Designed and implemented responsive web interfaces with ReactJS following mobile-first principles.

- Led migration from Redux to Zustand, improving performance and maintainability.

- Built modular components and custom hooks, ensuring scalability.

- Managed critical updates: Node.js (14→18) and Ant Design (v3→v5).

- Developed advanced geospatial solutions with React-Leaflet, integrating TimeDimension and multiple Geoserver layers.

Software Developer

CRD | Aug 2022 – Nov 2023

- Implemented serverless APIs in AWS Lambda with secure authentication via AWS Amplify.

- Improved data validation with Yup, Formik, and JOI.

- Increased test coverage and code reliability using Jest.

- Contributed to the development of a mapping platform with reusable components and mobile-first design.

Full Stack Developer

Fractal | Apr 2022 – Aug 2022

- Developed scalable APIs with .NET Core and AJAX.

- Implemented server-side rendered views with Razor technology.

- Created real-time communication features using Slack API and WebSockets.

Backend & Frontend Developer

Transforma Digital Perú | Neomadas | Jul 2021 – Mar 2022

- Led the development of 'Lucy', a robust web system built with Django.

- Built a custom website for Unicon using WordPress, SASS, and PHP.

- Implemented real-time communication systems with WebSockets.

Blockchain & FHIR HL7 Researcher

Thesis Project (UPC) | 2021 – 2022

- Designed an innovative interoperability system for Electronic Health Records (EHR) using FHIR HL7.
- Implemented blockchain to ensure data integrity and traceability in healthcare systems.
- Published research in Q2 journal with DOI: 10.3991/ijoe.v20i03.44507.

Education

Bachelor in Information Systems Engineering

Universidad Peruana de Ciencias Aplicadas (UPC), 2016 – 2022

Certifications

- Advanced React – Meta (May 2025) – ID: 286BTTG7GUHR
- Introduction to Front-End Development – Meta (May 2025) – ID: T9LFHKN7MPRI
- Programming with JavaScript – Meta (May 2025) – ID: VIKKHIBLV7V2
- Version Control – Meta (May 2025) – ID: B9U8G1LFL6W0
- Generative AI Fundamentals – IBM (May 2025) – ID: QMLQX0Q89G38
- Generative AI: Foundation Models and Platforms – IBM (May 2025) – ID: TPZVUOAXOFJM
- Generative AI: Impact, Considerations, and Ethical Issues – IBM (May 2025) – ID: 3X1375IHA888
- Generative AI: Introduction and Applications – IBM (May 2025) – ID: 5BYYXS112ELM
- Generative AI: Prompt Engineering Basics – IBM (May 2025) – ID: NKWPPVS1G2AO
- Programming for Everybody (Python) – University of Michigan (2021)
- Google Analytics for Business – Google (2020)
- Scrum Fundamentals Certified – SCRUMstudy (2020)

Skills

- Frontend: React, Next.js, TypeScript, Zustand, React Query, TailwindCSS, ShadCN/UI, Ant Design, GraphQL, Leaflet
- Backend: Node.js, Express.js, Django, .NET Core, .NET Framework, Python, SQL Server, MongoDB, Firebase, AWS Lambda
- DevOps & Tools: Docker, Vercel, AWS, UnifyApps, Git/GitHub/GitFlow, Jest, React Testing Library
- Special: Microfrontends, Blockchain, FHIR HL7, WebSockets, Testing (Jest, RTL)
- Languages: Spanish (native), English (advanced)
- Soft Skills: Leadership, strategic thinking, creativity, communication, problem-solving, adaptability

Achievements

- Published research in Q2 international journal (IJOBE) on Blockchain and FHIR HL7.
- 1st Place in ERPsim Game Ibero-America 2020, leading a virtual team in enterprise management.
- Recognized for implementing critical technology migrations (Redux→Zustand, Ant Design v3→v5, Node 14→18).
- Modernized legacy systems, improving scalability and user experience.

Interests

Exploring emerging web technologies, mentoring junior developers, generative AI, and collaborating on innovative projects.