

Cusco, Peru
[LinkedIn](#)
[GitHub](#)
[Website Portfolio](#)

Jhosaim Pocohuanca

+51 932 204 128
jhos.ricardo14@gmail.com

Software developer with more than 2 years of experience in frontend, backend development and QA analysis roles, expert in the creation, refactoring and maintenance of robust and scalable applications. My skill set covers a wide range of technologies: React, Next.js, Angular and Vue.js for frontend development; Node.js, Nest.js, Express.js, ASP.NET, Flask, and Spring Boot for backend development; SQL and NoSQL databases along with GraphQL for APIs; Playwright for end-to-end testing and Google Cloud & AWS for apps deployment.

Currently pursuing a degree in Software Engineering at Universidad Peruana de Ciencias Aplicadas (UPC) in Peru, I am deeply committed to continuous learning and staying updated with the latest advancements in web development. As a collaborative team player, I am passionate about Agile methodologies and possess a proven track record of delivering high-quality projects. I am genuinely enthusiastic about embracing new technologies and making valuable contributions to innovative and dynamic web development projects.

Education

Universidad Peruana de Ciencias Aplicadas - UPC

2021 – 2025

Software Engineering

Active Member in Competitive Programming Team
Upper Fifth

La Merced School – Cusco

2009 – 2019

Primary and Secondary School

Active Member in Advanced Math Team
Upper Tenth

Work Experience

Software Developer

May 2022 – Now

Itali Peru – Cusco, Peru

Developed a comprehensive internal database application for a school company utilizing the MERN stack (MongoDB, Express.js, React, Node.js) with a focus on Typescript. The application was created to efficiently manage student data, course schedules, and teacher information, among other essential functions.

Developed an ecommerce application using Next.js and Tailwind, providing a user-friendly platform for selling a diverse range of courses and offerings. The application served as a seamless marketplace, allowing customers to explore and access a wide array of company-provided products and services, all within a convenient and intuitive online environment.

Achievements:

- Collaborated closely with the client to gain a deep understanding of their specific requirements and successfully delivered a functional and user-friendly interface that precisely catered to their needs.
- Designed and implemented a robust and scalable database architecture, prioritizing security and performance optimization.
- Developed the internal application front-end using React with TypeScript, leveraging PrimeReact and TailwindCSS libraries. Implemented essential features such as login and CRUD functionalities, cookie-

based authentication, restricted routes with different access levels for admin, employees, and students, and ensured responsive design for seamless user experience.

- Developed the ecommerce application using Next.js and Tailwind, integrating it with the Paypal API for the payments in the app.
- Developed a REST API using Node.js and Express.js with TypeScript to handle HTTP requests and responses on the server-side. Implemented middleware for various functionalities, including user authentication, data filtering, and real-time data updates using JWT (JSON Web Tokens) in combination with MongoDB and Express.
- Conducted extensive testing and debugging to identify and address any issues, ensuring the application's stability, functionality, and a bug-free experience.
- Provided ongoing maintenance and support for the application, proactively applying necessary security patches, bug fixes, and updates to ensure optimal performance and user satisfaction.

Full Stack Developer

May 2023 – August 2023

Waytech Peru – Lima, Peru

As a member of the development team at OBEN GROUP, I contributed to the creation of an internal inventory application. The project utilized diverse technologies, including React.js with DevExpress for the frontend and .NET Framework for the backend. I took part in development, code quality control and deployment, using AWS EC2 containers for the frontend and backend applications.

Achievements:

- Upgraded existing systems previously implemented in ASP.NET to enhance functionality and performance. Implementation of a brand-new web platform using the latest technologies and leveraging the robust AWS cloud infrastructure.
- Played a pivotal role in supporting the core business operations, particularly in the area of production, by effectively managing production processes through the implementation of the reliable floor control system (SCP).
- Established efficient connections with satellite systems such as ERP Oracle NetSuite (via APIs), CUBEIQ (via XML), OPTSTUDIO, and XTRIM to facilitate data exchange and integration.
- Development of multiple services and microservices utilizing Node.js, Nest.js, and ASP.NET, with DynamoDB and Aurora MySQL serving as the primary databases.
- Employed the agile SCRUM framework to drive efficient and collaborative development practices.

Software Developer

June 2023 – August 2023

Tenmas – Lima, Peru

As a member of the Paqtana app development team, I played a significant role in its creation and ongoing maintenance. My contributions encompassed diverse tasks, including the implementation of new functionalities, unit tests, and end-to-end tests, all while employing CI/CD with pipelines to ensure a seamless development process.

In this project, we opted for React.js as our frontend framework, paired with various styling libraries, to create an engaging user interface. For the backend, we leveraged Python with Flask, enabling robust data handling and smooth application functionality. For the end-to-end tests we used Playwright.

Achievements:

- Fixed various bugs and implemented diverse core business functionalities, enhancing the overall user experience.
- Integrated end-to-end tests successfully to the frontend ecosystem, improving the overall functionality and development cycle of the application.
- Updated the libraries and packages of both the frontend and backend projects.

- Employed the agile SCRUM framework to drive efficient and collaborative development practices.

Software Developer

July 2023 – Now

trades.org – Austin, Texas

As a dedicated member of the trades.org team, I played a vital role in the backend infrastructure team, contributing my expertise in Nest.js, Typescript, Prisma, GraphQL, Apollo Federation, and AWS to develop diverse APIs and elevate the overall functionality of the business.

Achievements:

- Collaborated with the backend team to design and enhance new APIs utilizing Nest.js, Typescript, GraphQL, Prisma, and Apollo Federation. These APIs seamlessly integrated with a gateway powered by Apollo and were tested and documented using Postman.
- Demonstrated problem-solving skills by identifying and resolving bugs and implementing various functionalities, significantly improving the application's overall performance and development cycle.
- Actively participated in code reviews, offering valuable insights and suggestions to elevate the code quality and ensure adherence to best practices.
- Embraced the agile SCRUM framework, promoting a collaborative and efficient development process, leading to successful project deliveries and heightened team productivity.

Languages

- **Spanish:** Native
- **English:** Advanced

Computing knowledge

- **Programming Languages:** JavaScript, TypeScript, Python, C++, C#, Java (**Advanced**)
- **Front End Development:** Angular, Vue.js, React, Next.js, HTML, CSS, SCSS, Tailwind CSS (MERN+, MEAN+ MEVN) (**Advanced**)
- **Back End Development:** Node.js, Nest.js, Express.js, Fast API, Flask, Django, Spring Boot, ASP.NET Core (**Advanced**)
- **API Design:** Rest, GraphQL (**Advanced**)
- **Databases:** MySQL, MariaDB, PostgreSQL, MongoDB (**Advanced**)
- **Cloud Infrastructure:** AWS Amazon EC2, AWS API Gateway, Google Cloud Platform (**Advanced**)
- **Version Control:** Git, Gitflow (**Advanced**)
- **E2E Testing:** Playwright, Cypress, Selenium (**Intermediate**)
- **Containers:** Docker, Kubernetes (**Intermediate**)
- **Monitoring Tools:** Prometheus, Grafana (**Intermediate**)
- **Mobile Development:** React Native, Xamarin, Android Studio, Flutter (**Intermediate**)