Franz Antony Bendezu Isidro

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👤 Profile

Bachelor of Systems Engineering from the National University of Engineering with 4 years of experience in software architecture and solution design. Skilled in developing APIs with Spring Framework (Java/Kotlin) and Node.js (TypeScript), and creating interfaces with Vue.js, Angular, or React. Experienced in AWS cloud services and CI/CD implementation using Docker with GitHub Actions and GitLab.

I use an agile approach to manage projects flexibly and efficiently, with a passion for technology and a willingness to tackle challenges creatively and innovatively. I am constantly learning and enthusiastic about sharing my knowledge.

🎓 Education

Interpreter of Languages (English), SIDEM
September 2011 – December 2014

Bachellor Systems Engineering, National University of Engineering
March 2018 – July 2023

Intermediate English, ICPNA
August 2023

Skills

- **Frontend**: Vue (2 y 3), Nuxt (2 y 3) Angular, React, Nextjs, Vite, Tailwind
- **Backend:** Spring Boot, Nestjs, Node,
- **Programming Languages**: JavaScript, Typescript, Java, Kotlin, Python
- **Web Technologies**: REST API, GraphQL, OAuth2, Web Sockets
- **DevOps**: Docker, Git, GitLab, GitHub Actions, Jenkins, Azure Devops
- **Cloud**: AWS (S3, EC2, Lambda, CloudFormation), Amplify
- **Database**: PostgreSQL, MongoDB, MySQL
- **Testing:** Cypress, Jest, Vitest, Junit, Mockito

Language

- English – Intermediate (B2)

Hobbies

- Conducting software workshops
- Photography and audiovisual production

🏢 Professional Experience

Agendalo – agendalo.io | Startup | Lima, Perú
Software Developer | October 2022 - Present

- Led frontend development and supported backend and other internal projects.
- Collaborated with the CTO in the design and development of the architecture of the main applications.
- Migrated a single-page application (SPA) to server-side rendering (SSR) to improve SEO, implemented unit and E2E tests
- Lead the migration of main applications to a monorepo to improve reusability and delivery speed.
- Set up CI/CD pipelines using containers, reducing delivery times by 20%.
- Implemented OAuth2 authentication for integration with Google and Microsoft.
- Established payment gateways with Mercado Pago, Niubiz, and Stripe for secure, multi-currency transactions.
- Developed an admin panel to manage resources and handle user issues via WhatsApp API integration.
- Developed internal libraries to reuse logic internally across core projects.
- **Technologies**: JavaScript, TypeScript, Nuxt, NestJS, Vue, Cypress, Jest, Vitest, Docker, GitLab, GitHub Actions, AWS S3, AWS EC2, MongoDB, Turborepo, Web Sockets, RESTAPI.

Gestión y Sistemas SAC. | Software Consulting | Lima, Perú
Junior Developer Analyst | October 2022 - December 2022

- Frontend development using Angular, leveraging Azure DevOps for repository management and continuous delivery.
- Developed an admin panel for internal commission management at Banco Ripley, focusing on intuitive UI and improved user experience.
- Participated in developing an admin panel for internal parameter management at Banco Falabella, prioritizing operational efficiency and usability.

- Developed a supplier portal for The Leaf Company (ACS) to manage purchase orders and auctions, implementing authentication services using OAuth Protocol.
- Collaborated on developing an activity planning application for The Leaf Company (ACS) to manage activities related to the adoption process, budget approvals, and associated expenses.
- **Technologies**: Azure DevOps, Angular, Angular Material, OAuth.

Ripley Perú – Gestión y Sistemas SAC. | Financal Enterprise | Lima, Perú
Junior Developer Analyst | August 2021 – October 2022

- Frontend developer for online banking app multiplatform and payment platform web.
- Collaborated closely with the payment team in Peru and Chile using SCRUM.
- Developed with Angular and Ionic, used Bitbucket and Jenkins for web application deployment.
- Integrated payment gateways and implemented a transaction authorization widget.
- Conducted incident analysis to implement improvements, new features focusing on enhancing user experience, collaborating with the UX team.
- **Technologies:** Angular, Ionic, Bitbucket, Jenkins, React, TypeScript.

- **Principal Projects**

Movify.pe | Moving Company | Lima, Perú - Software Developer

Payment Module with Income and Expense Tracking| July 2023 – December 2023

- Developed a payment module to facilitate the recording of payments and auditing with receipts for moving orders within the company's existing infrastructure.
- Implemented features for logging payment transactions and associating them with respective moving orders, ensuring accurate financial documentation and audit trails.
- Enhanced reporting capabilities to generate detailed reports of payment records and associated receipts, facilitating auditing processes and financial analysis.
- **Technologies:** AWS S3, Java, MariaDB, Spring Boot, Vue

Web Quotation System Migration | July 2023 – December 2023

- Migrated backend of the web quotation system to a serverless API, enhancing availability, reducing server costs.
- Enhanced email design compatibility with various providers, resulting in increased lead generation.
- Integrated analytics to track email views, providing valuable insights into open rates and engagement.
- Implemented a comprehensive CI/CD workflow, streamlining the deployment process and reducing time-to-market for new features and updates.
- **Technologies:** Node, Prisma, AWS Lambda, GitHub Actions, MJML.

Infrastructure Migration to AWS | July 2023 – November 2023

- Led infrastructure migration to AWS to enhance deployment, availability, and reliability of key services.
- Established CI/CD workflows for deploying to AWS services, automating the pipelines.
- Integrated with Amazon S3 for photo and video storage related to moving services.
- **Technologies:** Amplify, Amazon RDS, EC2, S3, Spring Framework, Java, Vue.

Quotation and Order Management System | December 2021 – July 2023

- Developed an administrative system for quotations and orders for the sales and moving team.
- Designed and implemented client-server architecture using a REST API and a SPA.
- Automated PDF generation for quotes and sales orders.
- Developed a reporting module to measure sales team efficiency.
- Interconnected via API with the web quotation system.
- Established continuous deployment and integration flows through GitHub Actions.
- **Technologies:** Spring Boot, JPA Hibernate, Java, TypeScript, Vue, Vuetify, Nginx, Docker.

Web Quotation System Enhancement | October 2021 – December 2021

- Improved the interface of the web quotation system by integrating a custom style for Google Maps and establishing a new UI/UX for each step of quotation and email template.

- Migrated an iframe to a WordPress plugin for better maintenance.
- **Technologies:** React, Webpack, WordPress API, MySQL, PHP.

Con que profe, FIIS - Universidad Nacional de Ingeniería | Lima, Perú
January 2021 - March 2021

- Designed and developed a platform for comments about faculty members.
- Used Nuxt.js with TypeScript on the frontend and GraphQL with Apollo Server for data queries.
- Integrated with the university's authentication system (UNI-PASSPORT).
- Implemented a system for students to create thread conversations, enhancing transparency and feedback on faculty members and their courses.
- **Technologies:** Nuxt, TypeScript, Apollo Client, GraphQL.

BusUni Tracker, IIFIIE - Universidad Nacional de Ingeniería | Lima, Perú
January 2020 — December 2020

- Established architecture and developed a real-time bus tracking system using LoT LoRaWAN technologies for a research project.
- Implemented Firebase and Vue.js for the web application, and Cloud Functions for receiving real-time data from the LoRaWAN network.
- Used Realtime Database and Firestore to display and store route, driver, and journey information.
- Published an article with DOI: 10.1109/ISC255366.2022.9922172 .
- **Technologies:** Google Cloud Functions, Firebase, Vue, Web Sockets, Webhooks.

Horext, FIIS - Universidad Nacional de Ingeniería
July 2019 - Present

- Developed independently using Nuxt.js (based on Vue.js) for the frontend and a REST API in Spring Boot initially with Java 8 and now with Kotlin and a PostgreSQL database.
- Implemented CI/CD with GitLab, managed containers with Docker and setup migrations with flyway.
- Created an application that generates academic schedules considering hourly loads and parallel events of the university, integrated with Google Calendar.
- Open-source project available at: https://github.com/horext
- **Technologies:** Java, Kotlin, Spring Boot, Nuxt, PostgreSQL, Docker, GitLab, Github, Flyway.

🎓 Courses and Certifications

Specialized Program - Google IT Automation with Python, Coursera

June 2020 — July 2020

coursera.org/verify/professional-cert/EBQHHJ5LNUT5

Specialized Program - Excel Skills for Business, Coursera

August 2020 — September 2020

coursera.org/verify/specialization/Z88TCESL582W

Specialized Program - Google IT Support, Coursera

September 2020 — October 2020

coursera.org/verify/professional-cert/AN72XYKRCANN

Professional Course of Scrum

August 2021

platzi.com/p/franz.bendezu/course/1750-scrum/diploma/detalle

Professional Course of Git y GitHub

August 2021

platzi.com/p/franz.bendezu/curso/1557-course/diploma/detalle

Professional Course of Architecture of Software

October 2021

platzi.com/p/franz.bendezu/curso/1248-pro-arquitectura/diploma/detalle

CyberOps Associate

January 2022

credly.com/badges/4312c90f-a2b4-4ad8-bbb3-e7b873f86695

Microsoft Certified: Azure Fundamentals

May 2023

credly.com/badges/108c4e3d-6a95-432c-8f82-53ff7dea4bb3