Eduardo Zuniga

Vancouver, BC. Canada

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778-793-4659

Explore my work on YouTube and GitHub.

Experienced Software Engineer with a strong record of designing and delivering scalable, cloud-based (and no-cloud) solutions across Latin America and North America.

Skills

- **Programming Languages:** Java, JavaScript, SQL, C#, Python.
- **Frameworks & Libraries:** Spring (SpringBoot, Data, Cloud, Batch), NetCore, NodeJS, React, Angular
- **Databases:** PostgreSQL, MySQL, MongoDB, Aurora, Oracle, SQL Server.
- **Cloud & Tools:** AWS, Azure, GCP, Firebase, GIT, Docker, Kubernetes, Kafka, Elasticsearch.
- **Practices & Methodologies:** API Design, Scrum, TDD, SOLID principles, software architecture, CI/CD.
- **Languages:** English (fluent), Spanish (native)

Work Experience

Senior Backend Engineer

Ontop – Miami, Florida (Remote)
11/2023 to Present

Overview:

Delivered and maintained secure, scalable backend features according to product department's requirements in an Agile environment, ensuring clean and testable code. Led architectural improvements, resolved critical production issues, and mentored team members through pair programming and technical guidance.

Key Achievements:

- Built AI agents that match domain understanding using MCP server and tools with spring AI.
- Implemented generative AI feature to generate job description based in a title handling edge cases ensuring reliability.
- Optimized a high-traffic reports, cutting processing time from 100s to <1s through caching and algorithmic enhancements.
- Reduced bug reports by 80%, boosting stability and user satisfaction.
- Designed and launched a new independent microservice to decouple and streamline integrations across internal systems.

Fullstack Engineer

Sura - Integra AFP Lima, Peru
04/2021 to 10/2023.

Overview:

Developed secure, cloud-based backend solutions. Mentored developers and aligned technical implementations with business goals.

Key Achievements: ⬚

- Built an AI-driven ID verification system using AWS Rekognition to validate documents and selfies, strengthening platform security.
- Implemented real-time session management to restrict users to a single active session per account.
- Building chatbot and integrating with multiple channels such as WhatsApp, web and Facebook tracking actions and response for improvement and maintenance.
- Automated manual support processes with lightweight apps and batch jobs, cutting operational workload significantly.

Professor

ISIL - Lima, Peru
08/2022 to Present.

Overview:
Teach courses on application development, service-oriented architecture, and software design and analysis. Mentor students to strengthen their technical skills and ensure alignment with current industry practices and standards.

Senior TI Analyst

Profuturo AFP - Lima, Peru
06/2018 to 04/2021

Key Achievements:
- Implemented automated risk scoring reports to meet regulatory data requirements efficiently.
- Refactored and optimized financial department applications, enhancing database performance during peak COVID-related processing.
- Improved operational efficiency through process automation and system optimization, reducing manual workload for key users.

Associate Consultant

Inetum - Lima, Peru
03/2017 to 05/2018

Key Achievements:
- Developed an Online Management System for performance tracking and metrics—pioneering for the client's first Agile project.
- Automated and optimized the monthly sales generation process for end customers, greatly improving efficiency and reducing manual workload.

Software Developer

Effitec IT - Lima, Peru
09/2016 to 03/2017

Key Achievements:
- Developed APIs and web applications using .NET (C# and Visual Basic), Angular, JavaScript, Oracle, and Informix, delivering robust solutions tailored to client requirements.

Education

Universidad Complutense Madrid
Master Artificial Intelligence and Deep Learning

Online-Madrid
09/2025 to present

British Columbia Institute of Technology
Software System Development Program

Vancouver, BC
09/2024 to 05/2025

San Martin de Porres University
Bachelor's degree Computer Science Engineering

Lima, Peru
03/2010 to 06/2017

Certifications

- Azure AI Engineer Associate
- AWS Certified Cloud Practitioner
- Agile Coach Professional Certificate
- Enterprise Digital Transformation
- Team Leadership and Coaching
- Scrum Master Certified