

# José Andrés Auyón Cobar

Full Stack Developer

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## Profile

Results-driven Full Stack Developer with a strong background in web development, cloud computing, DevOps, and machine learning. Passionate about building scalable, efficient, and user-friendly applications, with expertise in both front-end and back-end technologies. Experienced in CI/CD automation, cloud deployments, microservices architecture, and agile methodologies. Committed to delivering high-quality code and solving complex technical challenges.

## Technical Skills

**Programming:** Python, JavaScript, TypeScript, PHP, Java, C++, R, SQL, NoSQL, LaTeX

**Frameworks and Libraries:** React, Angular, Vue.js, Express.js, Flask, Laravel, Next.js, Bootstrap, Sass, GraphQL

**DevOps and Cloud:** AWS, Azure, Docker, Kubernetes (Cluster Management, YAML, Helm), Firebase, Nginx, CI/CD Pipelines (GitHub Actions, GitLab CI/CD)

**Databases:** MySQL, PostgreSQL, MongoDB, Neo4j, Supabase, Oracle

**Tools:** GitHub, GitLab, Mocha, JUnit, Knime, ExpressJS, Tableau, PowerBI, Jira, ClickUp, Jest, Postman, TensorFlow, Keras, PyTorch

**Software Development:** Microservices, RESTful APIs, Serverless Architecture, Agile/Scrum, Test-Driven Development (TDD)

**Soft Skills:** Teamwork, Problem-Solving, Communication, Adaptability, Leadership

## Experience

**Full Stack Developer - Korean-Guatemalan Chamber of Commerce** Nov. 2023 - Mar. 2024

- Engineered and optimized web applications using React, Bootstrap (frontend) and Node.js (backend).
- Designed and implemented a MongoDB-powered data system for business and trade management.
- Developed RESTful APIs to improve interoperability between digital platforms.
- Led UI/UX design improvements using Figma, enhancing user experience and accessibility.
- Achieved a 30% increase in the number of companies registering with the Chamber.

**Software Developer - Granja El Ceibillal** Mar. 2023 - Nov. 2023

- Built an automated data management system for poultry farm operations, reducing losses by 25%.
- Developed an API with React Native (frontend) and Flask (backend) for real-time farm monitoring.
- Implemented AWS-hosted databases to ensure scalability and high availability.
- Designed and optimized microservices architecture to streamline operations.
- Significant reduction in financial losses through optimized data management.

## Education

**Universidad del Valle de Guatemala**

Expected 2026

*Bachelor's in Computer Science and Information Technology Engineering*

**Colegio Decroly Americano**

2020

*High School Diploma in Science and Humanities*

## Certifications

### Programming:

- Java Programming: Solving Problems with Software (Duke University, Coursera)
- The Web Developer Bootcamp (Udemy)
- PHP with Laravel - Become a Master in Laravel (Udemy)
- Software Engineer Certificate (HackerRank)
- SQL (Advanced) Certificate (HackerRank)
- Problem Solving (Intermediate) Certificate (HackerRank)
- Python 3 Certification (CodingGame)
- JavaScript Certification (CodingGame)
- Java Certification (CodingGame)
- Hewlett Packard Enterprise Software Engineering Job Simulation (Forage)
- ChatGPT Prompt Engineering for Developers (DataCamp)
- Introduction to LLMs in Python (DataCamp)

### DevOps:

- How to use Roadmaps in Jira (Coursera)
- Get Started with Jira (Coursera)
- Leading High-Performance Working Group Meetings (Linux Foundation)
- Introduction to Serverless on Kubernetes (Linux Foundation)
- AWS-DEVOPS-1: DevOps on AWS: Code, Build, and Test (edX)
- Solutions Architecture Job Simulation (Forage)

### Extra:

- Personal Trainer Diploma in Human Growth and Development (Edutin Academy)

## Languages

**Spanish:** Native Proficiency

**English:** C2 (Proficient)

**Japanese:** N5 (Basic)

## Personal References

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