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Education

Universidad Autónoma De Yucatán	Yucatán, México
Software Engineering	Aug 2022 – Present
Relevant Coursework: Object-Oriented Programming, Software Design, Discrete Mathematics, Data Structures.	
Bedu Data Science Program	Remote (In progress)
Data Science Specialization with Python and SQL	Feb 2025 – Feb 2026
Focusing on data analysis, machine learning, visualization, and predictive modeling.	
Alura Latam ONE Oracle Next Education	Remote
Backend Specialization with Java and Spring Boot	Jan 2024 – Jul 2024
Developed RESTful APIs, integrated databases, and applied best practices in software design and architecture.	

Professional Experience

Ekasoft (Before “Grupo Nasa Tecnología”)	Hybrid (Yucatán)
Junior Software Developer	Aug 2024 – Present
<ul style="list-style-type: none">Engineered and optimized features in projects utilizing Angular, Typescript, C#, and .NET, boosting system functionality and enhancing user engagement.Spearheaded the integration of DocuSign into the electronic signature platform, streamlining the contract signing workflow and reducing signing time by 30%, improving operational efficiency.Automated CI/CD processes using Azure DevOps, enhancing the efficiency and reliability of the development lifecycle.	
Academic project: WellNest Social Network	Tizimín, Yucatán, México
Software Developer	Aug 2024 – Dec 2024
<ul style="list-style-type: none">Developed a social network web application, handling 100+ simulated user interactions per session in testing environments.Followed software quality and architectural standards, employing a client-server model where the API, built with Spring Boot and a MySQL database, efficiently communicated with the Angular-based client application.	

Leadership & Activities

Universidad Autónoma De Yucatán	Tizimín, Yucatán
Instructor: Introduction to Docker Workshop	Mar 2025
<ul style="list-style-type: none">Led a 3-hour introductory workshop on Docker fundamentals to a group of 30+ software engineering students and teachers, improving their deployment efficiency.Explained Docker’s role in server management, comparing it with virtual machines.Taught how to containerize applications, providing hands-on examples and best practices.	
Universidad Autónoma De Yucatán	Tizimín, Yucatán
Instructor: Logic Circuits Workshop in Minecraft	Mar 2024
<ul style="list-style-type: none">Conducted a 2-day workshop (2 hours each day) on logic circuits using Minecraft and redstone mechanics for interactive learning.Taught concepts of Boolean algebra, logic circuits, and logic gates to students of various ages.	

Achievements

- Secured a spot in the ICPC Finals Gran Premio México 2024. Competing among 1,200+ teams from 160 universities demonstrated advanced problem-solving and teamwork skills in one of the world's most prestigious programming competitions. (Nov 2024).
- Earned second place in the Capture the Flag (CTF) during the anniversary of the Faculty of Mathematics at UADY, outperforming 14 teams in challenging cybersecurity scenarios. (Sep 2024).
- Clinched first place in the Capture the Flag at Yucatán's premier technology congress (Yucatán i6), navigating and resolving complex vulnerabilities among approximately 20 teams. (May 2024).

Skill & Interest

Hard Skills: HTML, CSS, TypeScript with Angular, Java, SpringBoot, Jenkins, C++, Git, Linux Servers, Docker.
Soft Skills: Perseverant, team player, self-taught, eager, communication skills, critical thinking, leadership.
Language: Spanish (Native), English: B2 (B1 certificate from Cambridge).
Interests: Linux Servers, Cybersecurity, Pentesting, Music (Guitar).