

Diego Aimar Gómez de la Rosa

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EDUCATION

Anáhuac Oaxaca University <i>Bachelor of Information technologies and digital business engineering</i>	Oaxaca de Juárez, Oaxaca <i>Aug. 2024 – Aug. 2028</i>
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CERTIFICATIONS & COURSES

Computer Hardware Basics <i>Cisco</i>	Sept. 2024
JavaScript Essentials <i>Cisco</i>	Oct. 2024
HTML Essentials <i>Cisco</i>	Jul. 2025
HackerRank Java Skills Verification <i>HackerRank</i>	Nov. 2025
Artificial Intelligence with Machine Learning in Java – English <i>Oracle</i>	Nov. 2025
Oracle Certified Associate: Java SE 8 <i>Oracle</i>	Expected Feb. 2026
HCIA-openEuler V1.0 Course <i>Huawei</i>	In progress
HCIA-openGauss v1.0 Course <i>Huawei</i>	In progress

PROJECTS

Decision Tree Game Engine <i>Java, Data Structures, AI Concepts</i>	Aug. 2025 – Sept. 2025
<ul style="list-style-type: none">Developed an interactive console-based game in Java utilizing decision trees to simulate basic Artificial Intelligence behavior.Implemented a learning algorithm that expands the decision tree based on user input, allowing the game to 'learn' new objects.Designed a recursive search mechanism to traverse nodes efficiently and predict user choices with high accuracy.	
Simple Battle Arena RPG <i>Java, Maven, Multithreading</i>	Oct. 2025 – Dec. 2025
<ul style="list-style-type: none">Built a multiplayer RPG engine in Java applying core OOP principles: Polymorphism, Encapsulation, and Hierarchy.Implemented Java Networking (Sockets) and Multithreading to handle real-time game state synchronization.Managed project dependencies and build lifecycle using Maven to ensure code stability.	
Personal Website Blog <i>Java, Spring Boot, React, Docker, PostgreSQL</i>	Present
<ul style="list-style-type: none">Developed a full-stack blogging platform using Spring Boot for the REST API and React for the frontend.Integrated a PostgreSQL database specifically configured within a Docker container for data persistence.Implemented Git for version control and deployed the application architecture using JSON for data interchange.	

SKILLS

Technical Skills Languages: Java, C++, Python, SQL, JavaScript Frameworks: Spring Boot, React, Bootstrap Tools: Git, Docker, Linux (openEuler, Ubuntu), Databases(Postgres and Open-Gauss)	Soft Skills Leadership (Team Lead) Critical Thinking Problem Solving Effective Communication
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