

Ronaldo Olvera Jiménez

Computer Systems Engineer (EN) | Ingenieur für Computersysteme (DE)
Networks & Software Technology

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EDUCATION / AUSBILDUNG

Instituto Tecnológico de Pachuca – Tecnológico Nacional de México

B.Sc. Computer Systems Engineering

Specialization: Networks and Software Technology

GPA: 91.19 / 100

TECHNICAL SKILLS / TECHNISCHE KENNTNISSE

Programming: Java, Python, Assembly, JavaScript

Databases: MySQL, PostgreSQL, MongoDB (SQL, normalization, triggers, procedures)

Web: HTML5, CSS3, JavaScript ES6+, Git, REST APIs

Networking: TCP/IP, Subnetting, Routing & Switching, Cisco Packet Tracer (CCNA level)

Systems: Linux, Windows, Processes, Memory Management

Engineering: OOP, Data Structures, UML, SDLC, Agile fundamentals

PROJECTS / PROJEKTE

- **Database Management System (Academic):** Designed and implemented a relational database in MySQL/PostgreSQL, normalized to 3NF, including stored procedures, functions, and triggers.
- **Client–Server Application:** Developed distributed applications using Java and networking concepts focused on reliability and modularity.
- **Network Simulation Project:** Designed enterprise-style network topologies using Cisco Packet Tracer, implementing VLANs, routing, and IP addressing plans.
- **Web Application:** Built responsive web interfaces using HTML, CSS, and JavaScript with Git-based version control.

EMERGING SKILLS / ZUKUNFTSKOMPETENZEN

React, Full Stack Development, Cloud Computing fundamentals, Cybersecurity principles, Artificial Intelligence and Machine Learning fundamentals, Internet of Things (IoT).

LANGUAGES / SPRACHEN

Spanish: Native | Englisch: B2 | Deutsch: A2

PROFILE / PROFIL

Motivated Computer Systems Engineer with strong academic background in software development, computer networks, and database systems. Seeking an entry-level or junior engineering position in Germany, aligned with EU Blue Card requirements and focused on long-term professional growth.