

ANGEL URIEL GERALDO ARMENTA, Computer Systems Engineer

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LINKS	LinkedIn , Github			
PROFILE	I am a Systems Engineering student at IT Mexicali with a strong focus on frontend development and web application design. I specialize in creating responsive and user-friendly web applications using Python, Flask, and FastAPI for backend development. With a passion for building seamless user interfaces, I leverage my knowledge in frontend technologies to deliver high-quality web solutions. I am excited to continue applying and expanding my skills in web development, API integration, and user experience design.			
EMPLOYMENT HISTORY				
May 2024 — Dec 2024	IT Support and Web Developer, RED 7 Telecomunicaciones			Mexicali
	<ul style="list-style-type: none">Designed and developed an IP management system for public and private addresses on MikroTik routers, using Flask as the primary framework.Built a centralized API with FastAPI to facilitate communication between routers and the database, enabling efficient network resource management.Created and integrated a user-friendly frontend interface with Flask, allowing seamless interaction with the system for IP monitoring and allocation.Implemented secure authentication using Auth0 with JWT, ensuring authorized access to system functionalities.Deployed the solution in Docker containers, enhancing scalability and portability.Automated and configured MikroTik routers to simplify network segment management.			
	Key Achievements: <ul style="list-style-type: none">Optimized the IP management process, reducing operational time by 80% and minimizing human errors.Delivered a secure, centralized, and user-friendly system that improved network administration and monitoring.			
EDUCATION				
Aug 2020 — Dec 2024	Systems Computer Engineering, Instituto Tecnológico de Mexicali			Mexicali
SKILLS	Python	Skillful	SQL	Skillful
	CSS	Skillful	Java	Skillful
	jQuery	Beginner	JavaScript	Skillful
	Git	Beginner	Flask	Skillful
	HTML	Experienced		
LANGUAGES	Español	Native speaker	English	B1
COURSES				
Dec 2023	CCNA: Switching, Routing, and Wireless Essentials, Cisco			
May 2023	AWS Academy Cloud Foundations, Amazon Web Services			
REFERENCES	<p>Sergio Iván Castro Luna from RED 7 Telecomunicaciones</p> <p>sergio@red-7.net · +52 1 686 273 7857</p> <p>Daniel Ayala from RED 7 Telecomunicaciones</p>			