Daniel Velazco Benítez

Junior web developer | Software Development and Management Engineering student

Puebla, Mexico | +52 247 294 2938 | dveazco@gmail.com | github.com/dany714

PROFESSIONAL PROFILE

Software Development and Management Engineering student with hands-on experience in web applications, databases and data processing. I have built projects using PHP/Laravel, React/Next.js, MySQL and Python, including an ETL workflow with PostgreSQL and AWS S3. I enjoy solving technical problems, understanding how systems work and continuing to learn across software development and cybersecurity. I am interested in junior roles, internships or projects compatible with my studies.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React, Next.js, Vite; responsive interfaces, forms and API consumption.

Backend: PHP and Laravel, Next.js API routes, CRUD operations, authentication, sessions, roles and permissions.

Data and cloud: MySQL, PostgreSQL, Firebase/Firestore; Python, pandas, SQLAlchemy, scikit-learn (preprocessing), boto3; ETL, CSV/Parquet and AWS S3/EC2.

Tools: Git and GitHub, Linux/Ubuntu terminal, Python virtual environments, Hostinger, Windows and VirtualBox; debugging and HTTP endpoint testing.

Cybersecurity and networking: Hands-on CTF challenges: file forensics, XOR cryptography, web/HTTP security and introductory reverse engineering. LAN networking and Cisco Packet Tracer.

Additional knowledge: Java/Spring Boot with Eureka and API Gateway; introductory Flutter practice and Android debugging.

SELECTED PROJECTS

Nutri | Next.js, React, MySQL. Food management and nutrition-tracking application with catalog, consumption logs, meal planner, reports, authentication and user administration.

ETL on AWS | Python, PostgreSQL, pandas, boto3, S3. Pipeline that extracts data from PostgreSQL, transforms it with pandas and uploads Parquet files to Amazon S3; executed in a Linux environment.

EcoTips | React, Vite, Firestore. Website for sharing sustainable living tips, including content publishing and database integration.

E-commerce | PHP, Laravel, MySQL. Product catalog, cart, authentication and CRUD administration for products and users.

Hotel reservations | PHP, MySQL. Reservation management with CRUD features and role-based separation of administrative functions.

Catalog and streaming | Java, Spring Boot, MySQL. Practice with catalog/streaming services, Eureka, API Gateway and HTTP endpoint testing.

ACHIEVEMENTS AND PARTICIPATION

OEA Cyber Challenge México 2026 | Second place. National online cybersecurity competition organized by the Organization of American States (OAS), held on October 23–24, 2026 through Hackrocks; hands-on CTF problem solving and analysis.

Audi Hackathon 2024. Collaborated with a team on a proposal to predict employee absenteeism.

EDUCATION AND COURSES

Software Development and Management Engineering. Universidad Tecnológica Bilingüe Internacional y Sustentable (UTBIS), Puebla | In progress. Previous studies at the Technical Higher University level (TSU) in Information Technology, started in 2023.

Courses: Networking Basics — Cisco Networking Academy (Skills for All); Water Governance — Fundación Carlos Slim.

LANGUAGES AND AVAILABILITY

Native Spanish | English A2 (basic). Available for remote part-time work, internships or projects compatible with university studies.