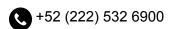
Oscar Morales Picazo



oscar.picazo8@gmail.com





EDUCATION

Tecnológico de Monterrey

B.S. Mechatronics engineering

GPA: 92/100

Graduated in June 2021

TECHNICAL SKILLS

Javascript | NodeJS | AWS | React | Postgresql | Git | Jira | Terraform | Python | Jenkins | Docker

PROFESSIONAL EXPERIENCE

ELLUCIAN

2023 - Senior Software Engineer

Present Actively engaged as a dedicated DevOps engineer with a primary emphasis on enhancing service

reliability. My role extensively involves architectural design, where I contribute to shaping robust

frameworks. Proactive involvement in team collaboration.

2022 - 2023 Software Engineer II

Full-stack development for multiple SAAS services deadline-conscious. ReactJS development based on Figma designs. Improvement of RESTful APIs to keep security standards and other requirements.

2021 - 2022 Associate Software Developer

Crafted a comprehensive user interface utilizing React, This UI was instrumental in facilitating the seamless creation, retrieval, updating, and deletion (CRUD) of presets utilized within another integral service.

2021 R&D Internship

Development of an ECS task designed for periodic execution, effectively extracting data from a database and transforming it into actionable metrics through Datadog integration.

MAJOR SCHOOLS PROJECTS

2019 Automatons for the improvement of industrial processes (team project) – VW Project

Collaborated on an autonomous cargo vehicle project with Volkswagen de México, employing ROS communication for seamless interaction between a PC, PLCs, and sensors controlling vehicle systems. Significantly contributed by installing and programming encoders and Inertial Measurement Units to ensure real-time tracking of the vehicle's pose.

2019 Smart Industries (team project) – VW Project

Collaborated with Volkswagen de México on a project to create an ongoing navigation monitoring system. Utilized LIDAR and ultrasonic sensors with microcontrollers and stepper motors to construct a comprehensive 360° map through Python on a Raspberry Pi.

CERTIFICATIONS

2023 Amazon Web Services (AWS) - AWS Cloud Practitioner

COURSES

Duke University - Java Programming: Solving problems with software

2022 LinkedIn - OWASP Top 10 Application Security Risks

2021 The Hong Kong University of Science and Technology - Front-End Web Development with React

2021 LinkedIn - AWS for Developers: DynamoDB

2020 deeplearning.ai - Neural networks and Deep Learning