

Oscar Gomez Barragan

Full Stack Software Developer

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SKILLS

Languages: HTML5, CSS3, Javascript, SQL, Ruby, Python, Linux, Cisco TCL

Frameworks/Libraries: React.js, Jest, Ruby on Rails, RSpec, Next.js, Pandas, OpenPyXL, NumPy

Version Control: Git, Github

Skills: Admin and Clerical, Co-operation, Goal-Oriented, Delegation, Flexibility, Visual Studio Code, Yarn, Npm

WORK EXPERIENCE

C4I Analyst

July 2023 - Present

L2NL Oceanside, CA (Hybrid)

- Successfully supported 400 customers globally maintaining a 90% first-call resolution rate.
- Generated and analyzed system reports to identify trends and areas for improvement in the help desk support process.
- Created accounts and facilitated password reset requests and blocked accounts for over 500 customers globally.
- Implemented network segmentation and VLANs, enhancing network efficiency by 20% and ensuring data isolation for sensitive workloads.
- Experienced in managing SSL/TLS certificates, including the issuance, installation, and maintenance of secure certificates on virtualized Linux environments.

Web Developer

February 2023 - May 2023

Mind at Bay San Francisco, CA (Remote)

- Lead developer in development of a progressive web app using flutterflow which allowed for user engagement with over 100 mental health resources.
- Communicated with stakeholders when roadblocks or limitations with design, legal team or development were encountered.
- Made informed decisions about the tech stack according to stakeholder and user need.

Web Developer Intern

March 2023 – April 2023

XplorStem Academy, San Diego, CA (Remote)

- Successfully filtered and formatted over 30 data tables, enabling dynamic data exchange for web application users.
- Employed efficient communication strategies to collaboratively develop the web application in pair programming settings.
- Improved testing efficiency and effectiveness by implementing mock functions and fixtures for dependencies and API calls.
- Utilized RESTful API endpoints to enable seamless communication between the application and external services.
- Experienced in creating, initializing, and managing Git repositories for projects of various sizes.

Manufacturing Technician III

Apr 2021 – Nov 2022

Filmetrics Inc, San Diego, CA

- Worked directly with Software developers to enhance functionality and design of Profilm3D software.
- Communicated component production deficiencies with Quality Assurance Engineers, to determine cause of critically low piezoelectric crystal voltages.
- Conducted employee training on Profilm3D assembly and calibration to eliminate knowledge bottleneck.
- Completely rewrote processes and procedures for Profilm3D assemblies to properly reflect component cleaning and assembly.
- Certified semiconductor Silicon wafers in accordance with NIST semiconductor certification policies.

EDUCATION

Full Stack Software Developer

November 2022 – March 2023

LEARN Academy, San Diego, CA (Remote)

- Completed 640 hours of JavaScript libraries and Ruby on Rails, completing multiple projects through individual, paired, and mob programming.
- Practiced Test Driven Development using Jest, RSpec and React Testing Library to ensure over 70% test coverage on applications.
- Proficient in merging branches, resolving conflicts, and maintaining clean commit histories.
- Efficiently parsed API responses and extracted relevant data for display in the application's user interface.
- Actively participated in Agile ceremonies, such as daily stand-ups, sprint planning, and retrospectives, to foster continuous improvement and deliver customer value iteratively.
- Methodically created PostgreSQL Database tables to filter user data on various applications.

CompTIA Security+ Certification

May 2023

- In-depth knowledge of industry-standard security practices, protocols and principles.
- Implemented secure coding practices iteratively.
- Demonstrated expertise in identifying and mitigating security risks, performing code reviews, and ensuring adherence to secure coding standards.

Python Fundamentals for Data Science

August 2023 – September 2023

VetsInTech, San Diego, CA (Remote)

- Developed custom functions to fetch data through API calls and organize efficiently in XML spreadsheets with Numpy, Pandas and OpenPYXL modules.
- Applied functions for tasks such as data cleaning, formatting, and feature engineering in data analysis and software development projects.
- Integrated third-party APIs into projects, extracting and manipulating data in real-time.
- Extensive experience extracting and processing data from diverse sources, including Excel spreadsheets, PDF documents, CSV files, and JSON formats.
- Utilized libraries such as pandas and openpyxl for seamless data extraction and manipulation.