



PROFESSIONAL SUMMARY

VERSATILE AND RESULTS-DRIVEN SENIOR SOFTWARE ENGINEER WITH OVER 9 YEARS OF EXPERIENCE IN FULL-STACK DEVELOPMENT, MICROSERVICES, AND CLOUD-NATIVE SOLUTIONS. PROVEN EXPERTISE IN BUILDING SCALABLE AND MAINTAINABLE SYSTEMS USING GOLANG, ELIXIR, NODE.JS, AND PHP, WITH STRONG FRONTEND SKILLS IN REACT, VUE.JS, AND ANGULARJS. EXPERIENCED IN DESIGNING DISTRIBUTED ARCHITECTURES, INTEGRATING GRAPHQL/REST APIS, AND IMPLEMENTING CLEAN AND HEXAGONAL ARCHITECTURE.

PROFICIENT IN DEPLOYING AND MANAGING APPLICATIONS ACROSS MULTIPLE CLOUD PLATFORMS INCLUDING GCP, AWS AND HEROKU, LEVERAGING A WIDE RANGE OF CLOUD SERVICES TO ENSURE PERFORMANCE, SCALABILITY, AND RELIABILITY IN PRODUCTION ENVIRONMENTS

CONTACT



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ACADEMIC INFORMATION

SYSTEMS ADMINISTRATION ENGINEERING

FACULTAD DE INGENIERÍA MECÁNICA Y ELÉCTRICA, U.A.N.L.

LANGUAGES

ESPAÑOL NATIVO

INGLÉS B2

MORE INFORMATION

MARITAL STATUS: MARRIED

AGE: 33 YEARS

MIGUEL ANGEL ROMERO LICON

FULL STACK DEVELOPER

EXPERIENCE

FULL STACK DEVELOPER - MOVIT SOLUTIONS | DEC 2024 - PRESENT

- DESIGNED AND IMPLEMENTED SCALABLE MICROSERVICES IN GOLANG USING CLEAN AND HEXAGONAL ARCHITECTURE TO ENSURE LONG-TERM MAINTAINABILITY.
- DEVELOPED AND MAINTAINED EVENT-DRIVEN DISTRIBUTED SYSTEMS FOR REAL-TIME DATA PROCESSING IN FLEET MANAGEMENT AND IOT PLATFORMS.
- OPTIMIZED REACT-BASED FRONT-END COMPONENTS TO SIGNIFICANTLY REDUCE MEMORY USAGE AND IMPROVE RENDERING PERFORMANCE, RESULTING IN A SMOOTHER USER EXPERIENCE.
- PROMOTED AND IMPLEMENTED FRONT-END BEST PRACTICES, INCLUDING MODULAR DESIGN, LAZY LOADING, AND STATE MANAGEMENT IMPROVEMENTS.
- DEPLOYED INFRASTRUCTURE USING TERRAFORM AND DOCKER ON GOOGLE CLOUD PLATFORM, WORKING WITH CLOUD RUN, BIGQUERY, ALLOYDB, AND LOOKER.
- COLLABORATED CROSS-FUNCTIONALLY WITH PRODUCT, UX, AND DEVOPS TEAMS TO DELIVER SCALABLE AND SECURE CLOUD-NATIVE SOLUTIONS ALIGNED WITH BUSINESS GOALS.

FULL STACK DEVELOPER - VENTUP | OCT 2021 - DEC 2024

- DEVELOPED MODERN, RESPONSIVE USER INTERFACES USING REACTJS AND MODULAR DESIGN PATTERNS WITH TAILWINDCSS, ENSURING INTUITIVE USER EXPERIENCES ACROSS DEVICES.
- BUILT AND CONTAINERIZED FRONTEND AND BACKEND SERVICES USING NODE.JS, RUBY ON RAILS, AND DOCKER, MAINTAINING CONSISTENCY ACROSS LOCAL, STAGING, AND PRODUCTION ENVIRONMENTS.
- INTEGRATED APPLICATIONS WITH GRAPHQL-BASED APIS, ENABLING EFFICIENT AND SCALABLE CLIENT-SERVER COMMUNICATION.
- CONTRIBUTED ACTIVELY TO CODE REVIEWS (PULL REQUESTS), PROMOTING CODE QUALITY, MAINTAINABILITY, AND ADHERENCE TO PROJECT STANDARDS.
- COLLABORATED DAILY WITH FRONTEND, BACKEND, AND PRODUCT TEAMS, ENSURING ALIGNMENT BETWEEN TECHNICAL IMPLEMENTATIONS AND BUSINESS GOALS.
- LED AGILE DEVELOPMENT CYCLES USING SCRUM METHODOLOGY, MANAGING SPRINT PLANNING, DAILY STAND-UPS, AND RETROSPECTIVES.
- DEPLOYED DEVELOPMENT ENVIRONMENTS ON AWS, CONFIGURING S3 BUCKETS FOR ASSET STORAGE AND ENVIRONMENT-SPECIFIC SETTINGS.

FULL STACK DEVELOPER - GALT ENERGY | SEP 2019 - OCT 2021

- OPTIMIZED LARAVEL(PHP) USAGE BY REFINING THE ELOQUENT ORM IMPLEMENTATION, ENHANCING EFFICIENCY IN MODEL AND DATABASE COMMUNICATION FROM THE START OF MY TENURE.
- DESIGNED AND DEVELOPED THE SECOND VERSION OF THE INTERNAL CRM SYSTEM USING NODE.JS, RUBY ON RAILS, GOLANG, LARAVELPHP, ANGULARJS AND VUE.JS, SIGNIFICANTLY IMPROVING SYSTEM SCALABILITY AND EFFICIENCY.
- DEVELOPED A TOOL TO MANAGE OVERDUE ACCOUNTS USING ANGULAR AND NODEJS
- MANAGED SERVERS ON GOOGLE CLOUD PLATFORM (GCP) AND AWS, ENSURING HIGH AVAILABILITY AND OPTIMAL APPLICATION PERFORMANCE.
- LED THE TECHNOLOGY TEAM, OVERSEEING PROJECTS, CONDUCTING CODE REVIEWS, AND ENSURING THE ADOPTION OF DEVELOPMENT BEST PRACTICES.
- DEVELOPED INTERNAL TOOLS THAT STRENGTHENED COMPANY OPERATIONS AND FUNCTIONALITY, ALIGNING TECHNOLOGICAL SOLUTIONS WITH BUSINESS OBJECTIVES.
- DESIGN DATABASE WITH POSTGRESQL AND SQL
- DESIGNED AND IMPLEMENTED AN INTERNAL OVERDUE ACCOUNTS MANAGEMENT SYSTEM USING RUBY (WITHOUT RAILS) AND POSTGRESQL, IMPROVING DATA TRACKING AND COLLECTION PROCESSES

Technical Skills

- BACKEND:
 - PHP
 - CAKEPHP, CODEIGNITER, SYMFONY, LARAVEL
 - RUBY
 - RUBY ON RAILS
 - GOLANG
 - GIN
 - NODE.JS
 - ELIXIR
 - PYTHON
 - FLASK
 - C#
 - .NET
- FRONTEND:
 - JAVASCRIPT
 - VUE
 - ANGULAR
 - REACT
 - SVELTE
 - HTML
 - CSS
- DATABASES
 - MYSQL
 - SQL
 - POSTGRESQL
 - SQL SERVER
- CLOUD
 - GCP
 - AWS
 - HEROKU
- VERSION CONTROL
 - GIT, SVN.
- CONTAINERS
 - DOCKER
- AGILE METHODOLOGIES
 - SCRUM
- API'S
 - RESTFUL
 - GRAPHQL
- CLEAN ARCHITECTURE
- CI/CD: GITHUB ACTIONS
- TDD

FULL STACK DEVELOPER - VENTUS TECHNOLOGY | JAN 2019 - SEP 2019

- DEVELOPED NEW FEATURES AND ENHANCEMENTS FOR EXISTING APPLICATIONS USING PHP, SQL, AND VANILLA JAVASCRIPT.
- • COLLABORATED WITH INTERNAL TEAMS TO RESOLVE TECHNICAL ISSUES AND ENSURE THE DELIVERY OF CUSTOMIZED SOLUTIONS TAILORED TO CLIENT REQUIREMENTS.
- • IMPLEMENTED EFFICIENT DEVELOPMENT PRACTICES TO MAINTAIN CODE QUALITY IN LEGACY SYSTEMS
- USED TOOLS OF VISUAL SUITE.
- DESIGN DATABASE WITH POSTGRESQL AND SQL
- DESIGNED AND IMPLEMENTED AN INTERNAL OVERDUE ACCOUNTS MANAGEMENT SYSTEM USING RUBY (WITHOUT RAILS) AND POSTGRESQL, IMPROVING DATA TRACKING AND COLLECTION PROCESSES

FULL STACK DEVELOPER - CARBONODEV | FEB 2016 - DEC 2018

- DEVELOPED TAILORED SOLUTIONS FOR DIVERSE CLIENTS, USING MODERN FRONT-END FRAMEWORKS LIKE **ANGULAR, VUE.JS, AND REACT**, AND BACK-END TECHNOLOGIES LIKE **LARAVEL PHP** AND **RUBY ON RAILS** WITH **SQL**.
- IMPLEMENTED EFFICIENT ARCHITECTURES THAT OPTIMIZED APPLICATION PERFORMANCE AND SCALABILITY BASED ON CLIENT REQUIREMENTS.
- COLLABORATED WITH CROSS-FUNCTIONAL TEAMS TO DESIGN AND DELIVER FULLY INTEGRATED WEB APPLICATIONS, ENSURING SEAMLESS INTERACTION BETWEEN FRONT-END AND BACK-END SYSTEMS.
- EXPANDED TECHNICAL EXPERTISE BY WORKING WITH MULTIPLE TOOLS AND FRAMEWORKS, STRENGTHENING MY ABILITY TO ADAPT TO DIFFERENT TECHNOLOGIES AND PROJECT NEEDS.

FULL STACK DEVELOPER - CAPTIVA DIGITAL TECNOLOGIA | DEC 2014 - FEB 2016

- DEVELOPED CUSTOM SOLUTIONS FOR VARIOUS CLIENTS USING MODERN FRAMEWORKS SUCH AS HTML, **JAVASCRIPT**, JQUERY, BOOTSTRAP, MATERIALIZECSS FOR FRONTEND, AND CAKEPHP, .NET, JAVA FOR BACKEND.
- IMPLEMENT THROUGH API RESTFULL A CONNECTION WITH SAT TO GENERATE STAMPED INVOICES.
- WORK WITH SMALL TEAM BUT ALWAYS GENERATING A DYNAMIC TO COMPLETE TASKS AS A TEAM.

FULL STACK DEVELOPER - BUSINESS&ITACCELERATIONMÉXICO | MAR 2014 -NOV 2014

RESPONSIBILITIES:

- DEVELOPED AND IMPLEMENTED NEW FEATURES FOR THE "ONE MAP 6" PLATFORM, A SPECIALIZED VEHICLE SATELLITE TRACKING SYSTEM.
- COLLABORATED ON THE INTEGRATION OF FRONT-END TECHNOLOGIES LIKE JQUERY AND BACK-END TOOLS USING **PHP (CODEIGNITER)**, **C#**, **.NET**, ENSURING EFFICIENT CLIENT-SERVER COMMUNICATION.
- DESIGNED AND OPTIMIZED SQL SERVER QUERIES TO IMPROVE PERFORMANCE AND ACCURACY IN GEOLOCATION DATA RETRIEVAL.
- PARTICIPATED IN INCIDENT RESOLUTION AND CONTINUOUS SYSTEM IMPROVEMENT, REDUCING RESPONSE TIME FOR CRITICAL ISSUES.

ACHIEVEMENTS:

- REDUCED SYSTEM LOAD TIME BY 20% BY OPTIMIZING SQL QUERIES AND IMPROVING SERVER-SIDE DATA HANDLING.
- DEVELOPED A REAL-TIME TRACKING VISUALIZATION FEATURE THAT INCREASED VEHICLE TRACKING ACCURACY BY 25%, ENHANCING THE END-USER EXPERIENCE.