

Mario Rivera | Frontend Software Engineer

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TECHNICAL PROFILE

- Software Engineer with over 10 years of experience in software development, proficient with backend technologies based on Node.js-related technologies (MERN stack), and assisting in development under agile methodologies.
- Experienced in front-end development using React and Angular technologies
- Experienced with databases like MySQL, SQL, DynamoDB, MongoDB, and Postgres
- Great experience with scripting languages like Node.js with JavaScript and TypeScript, and also implementing solutions with OOP
- Good Experience developing and working with GraphQL and Rest API services
- Accustomed to working under a CI/CD workflow
- Experience working with cloud platforms like AWS and Azure
- Other skills include Python experience, design of mockups, illustration, and photo editing.
- I'm particularly interested in integrating Domain Driven Design and Python stack focused on Artificial Intelligence into my technology stack, to tackle complex challenges
- **Technology Summary:** Docker, Git, Github, Bitbucket, Nestjs, Microservices, Bash scripting, NodeJS, GraphQL, Java, Angular, React, Redux, JavaScript, TypeScript, PHP, Jest, Jasmine, Mocha, Python, Postgres, MySQL, SQL, DynamoDB, MongoDB, Scrum, Kanban.

PROFESSIONAL EXPERIENCE

2020 - 2024 | 3Pillar Global| Guadalajara, Mexico

Fullstack Engineer

- I worked on a variety of projects from different industries, like :
 - E-learning platforms
 - Consumer intelligence platforms
 - Medical insurance platform portals
- I was involved in **front-end** development of components using React and diverse state management libraries such as easy-peasy library, redux-toolkit, and Context API. Also getting involved with React-related technologies such as: NextJS, Formik, React Router, Material Ui
Using primarily TypeScript as the development language
- As for the **Backend** development, I worked using Node.js, Express, and NestJS as frameworks for web applications/microservices and scripting commands, developing REST API and GraphQL services.

- Also, I was involved in supporting some testing activities using Postman and configuring Docker containers using Docker Compose files
- Other responsibilities include: Support activities as well as mentoring, requirements analysis and clarification, estimation, prioritization, and distribution of tasks, unit testing, product support, and documentation maintenance.

May 2018 - 2020 | Tiempo Development | Guadalajara, Mexico

Fullstack Engineer

- Backend development with Nodejs: Rest API and GraphQL
- Angular front-end development
- Azure

March 2017 - May 2018 | Instituto de Investigación y Desarrollo Tecnológico de la Armada de México | Anton Lizardo, Veracruz, MX

Software Engineer Fullstack

- I was integrated into a simulator project where I developed the core motion engine for the “operation and maintenance simulator” modules with Node.js
- I developed some scripts for communicating node tasks with bash scripts.
- As part of the simulator apps, I developed a Chat application using Socket.io for communicating with the operational cabins and the Control and Command Room.
- Also, I developed an Operational Panorama application with Node.js as backend and Angular 5 and SocketIO, WorldWind library as front end.

January 2016 - December 2016 | Pizzapp | Veracruz, Veracruz, MX

Frontend and Mobile Developer

- I was hired for a local startup at the beginning as a consultant for the technical part of the startup, conducting some research about technologies they could need
- Later that year, I was hired to lead a team of developers and building a frontend SPA and a Mobile multi-platform app. We worked with Angular 2 and Ionic, and for the backend service, we used Firebase service.

January 2014 - January 2015 | Ehecatl Software Services | Veracruz, Veracruz, MX

Frontend and Mobile Developer

- During my stay in the company, I mainly worked on the

Development of an Augmented Reality app for the Android Platform

named Live In tour, using the Metaio framework

- Another of my responsibilities was the development of a WordPress theme template for “El Dictamen” newspaper.

August 2011 - March 2017 | NEUS TEAM/CICE | Veracruz, Veracruz, MX

Software Services Provider

- During the first years of my professional career, I dedicated make my way on my own. My first client was Grupo CICE (CICE now a days), where my first assignment was developing mobile apps with Adobe Flex/Adobe Air consuming SOAP services built with Java
- After a few projects made on my own, I decided to build a team, where my responsibilities included training and coaching, and management activities. I began with the use of Scrum as a methodology for working.
- Given that it was a long laboral relationship, I was involved with different projects with CICE, such as mobile development at the beginning with Flex, later we migrated to Android SDK, and later hybrid Application with Ionic and some task runners such as Gulp and Grunt.
- The most recently developed project for them was an SPA web app made with Angular

EDUCATION

Bachelor's Degree in Computing Sciences.

ITVER, Instituto Tecnológico de Veracruz, VER. (2005- 2019)

Certified Scrum Master

Adobe Certified Expert on Flex 3 with AIR 3

LANGUAGE SKILLS

Spanish: Native

English: Fluent