



JOSE DIEGO MARIN CONTRERAS

SOFTWARE ENGINEER

[https://](https://josediegomarincontreras.github.io/portfolio-web/)

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(WIP)

PERSONAL PROFILE

I am Jose Diego, a fullstack Developer with 5 years of experience in the TI sector. Currently I'm at Luxoft, as a service developer. In this role, I am involved in full-stack development, utilizing my expertise in backend technologies, such as NestJS, Node.js, and TypeScript. I follow Agile methodologies to ensure efficient project management. My responsibilities include analyzing algorithms, developing microservices, and working with monorepos and Bitbucket for version control. Additionally, I have experience in frontend development using React and React Native, both with TypeScript. In my previous position at a Nayarit government dependency, I specialized in designing, coding, and implementing stand-alone web applications. I successfully resolved bottlenecks and improved system performance. Furthermore, I collaborated closely with the infrastructure team to handle deployments effectively.

CONTACT

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WORK EXPERIENCE

Full-Stack developer

O'Reilly auto parts

May 2024 - Currently

- Full Stack Development: Designed and implemented scalable web applications using Java (Spring Boot, Hibernate) for backend development and Angular and React for modern, responsive user interfaces. Integrated RESTful APIs and ensured seamless interaction between front-end and back-end systems.
- Working on several kind of application like, digital letters, exit interview system and referral system, each application have secure authentication, role-based access control, and rate limit control (only if apply).
- A Recommendation System to oversee the full recruitment lifecycle, from referrals to onboarding, ensuring data integrity and process optimization.
- Spring Boot for building robust microservices and RESTful APIs.
- Spring Batch for high-volume batch processing.
- Hibernate for ORM and database abstraction, optimizing SQL interactions.
- HikariCP for high-performance connection pooling.
- Developed unit and integration tests using Mockito, ensuring high code coverage and reliability.
- Applied encryption techniques using Jaspyt to secure sensitive data.

Full-Stack developer

Luxoft

Jun 2022 - March 2024

- Responsively rectified any build errors or failures detected during pipeline runs, contributing to the stability of our development processes.
- Contributed to the enhancement of backend projects by introducing new features and resolving issues
- Skillfully worked with databases, including MongoDB (Cosmos DB on Azure) and MemSQL, to manage and optimize our extensive datasets.
- Devised and implemented efficient algorithms to optimize our existing endpoints and facilitate the creation of new ones.
- Collaborated within a monorepo project and managed multiple repositories to support our microservices architecture, showcasing a comprehensive understanding of modern development practices
- As service ninja, I have the duty of check, monitor and involve corresponding people to solve problem in UAT or Prod env.
- Maintaining project repository updated.
- Hotfix for project vulnerabilities.
- Working on frontend project (web and mobile) using react technologies.

Infrastructure Specialist: System

Administrator

IBM Mexico (Operative area)

2020 - 2021 (1 years of experience)

- Provided technical support for standalone servers at a level 1.5 capacity, encompassing account and group administration, as well as addressing fundamental WebSphere Application Server (WAS) issues using established runbooks.
- Proficiently utilized monitoring tools such as Dynatrace, New Relic, and Runscope to assess server performance, latency, CPU utilization, memory allocation, disk space utilization, and other vital metrics.
- Offered technical support for cloud solutions, leveraging container orchestrators such as OpenShift 4 and Kubernetes.
- Efficiently managed client dispatching to address client requests promptly and generate customized reports as needed.

FullStack developer

Secretaría de obras publicas (computer area).

2018 - 2020 (2 years of experience)

- As a Full Stack Developer, I spearheaded the development of new features for existing applications, deploying them in an on-premise environment.
- Led backend development for web applications, utilizing Angular, Express.js, MongoDB, and MySQL in specific projects.
- Demonstrated expertise in Frontend development, proficiently using Angular for web interfaces and React Native for mobile app development.
- Skillfully engineered a state-of-the-art warehouse management system with technologies such as Apex, HTML, JavaScript, and CSS.
- Developed efficient SQL procedures and views, enhancing backend query processing and code maintainability.
- Pioneered the creation of PL/SQL modules to handle frontend requests seamlessly.
- Led a high-performing team, planning, designing, and rigorously testing warehouse application modules to ensure scalability and maintainability.
- Implemented a robust continuous integration process, streamlining development pipelines with Jenkins.

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TECHNICAL SKILL

Programming languages

- Nodejs
- Java
- Typescript

Frontend and frameworks

- React
- Nextjs
- Angular
- React-Native
- Astro.js
- Vite
- TanStack query
- Redux
- Zustand
- Electronjs
- Tailwind

Backend and frameworks

- Nestjs
- Express.io
- Gin (for go)
- Springboot v2 and v3
- Temporal.io
- Microservice
- Azure
 - Lambda functions
 - cosmoDB
- Aws
 - S3
 - Serverless
 - Apigateway
 - dynamoDB

Testing

- Jets
- Cypress
- Unit testing

Agile tools & CI/CD

- Teams
- Jira
- Circle ci
- Slack
- Zoom
- Pokersize
- Retrospective tool

TRAININGS AND SELF STUDY (COURSES & BOOKS):

Node.js avanzado

LinkedIn

Data Structures and Algorithms in Python

Michael T. Goodrich, Roberto Tamassia, and Michael H. Goldwasser

Python Testing CookBook

Greg L. Turnquist

Learning Node.js Development : Learn the Fundamentals of Node.js, and Deploy and Test Node.js Applications on the Web

Andrew Mead

Mastering TypeScript 3 : Build Enterprise-Ready, Industrial-strength Web Applications Using TypeScript 3 and Modern Frameworks

Nathan Rozentals

AWS Certified Cloud Practitioner

AWS

LPI Linux Essentials

Linux Professional Institute

Microsoft Certified: Azure Fundamentals

Microsoft

Nestjs Advanced

Nestjs