CARLOS J. PEREZ

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SENIOR SOFTWARE ENGINEER:

• DDD • Microservices • Nodejs • TypeScript • React • SQL and NoSQL Database Systems • CI/CD

Computer Engineer with more than 10 years of experience in software development. Design, development and tuning of web and mobile applications using JavaScript. Proficient in cloud services and microservices architecture with Domain-Driven Design (DDD). Focused on designing robust applications adapted to the user's needs.

SKILLS

- Solid Principles, DDD, Microservice, event driven
- JavaScript, TypeScript
- Node.js, Express, Koa, Next
- Kafka, PubSub

- NX, CI/CD
- React, Vue
- Html5, Css3, Tailwind
- Ionic
- React Native
- Firebase

- PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis
- GCP, AWS, Docker, Kubernetes, Terraform.

EXPERIENCE

Technical Lead | WiTI | Santiago Chile | Nov 2024 - Present

- Developed a web application to manage the projection and execution of Cencosud company expenses. It is made up Web, APIs and microservices. (Using Microservices architecture, hexagonal architecture, DDD, Nodejs, Nestjs, pubsub, redis, postgres, kubernetes, monorepo (Nx), terraform, CI/CD React, Tailwind.)

Senior Software Engineer | WiTI | Santiago Chile | Nov 2022 – Nov-2024

- Developed a business solution to validate orders from shoppers in supermarkets for Cencosud. It is made up of Mobile App, Web, APIs and microservices. (Using Microservices architecture, hexagonal architecture, DDD, Nodejs, koajs, kafkajs, pubsub, redis, mongodb, elasticsearch, kibana, kubernetes, monorepo (Nx), terraform, CI/CD, Ionic, React, Firebase, Tailwind.)

Technical Lead | Firedevs | Santiago Chile | Feb 2021 - Nov 2022

- Developed a business solution to invoice orders from shoppers in supermarkets for Cencosud. It is made up of APIs and microservices. (Using Microservices architecture, hexagonal

architecture, DDD, Nodejs, koajs, kafkajs, pubsub, redis, mongodb, elasticsearch, kibana, kubernetes, monorepo (Nx), terraform, CI/CD.)

- Developed a Mobile App to share and book trips in shared cars and a web control panel for its management. (Nodejs, Express.js, Jest, Swagger, MySQL, Ionic, Vue, Vuetifyjs y React, Elasticsearch)

Software Engineer | Cienfuegos Botanical Garden | Cienfuegos Cuba | Sep 2016 - Dic 2021

- Developed an enterprise application to register visitors. (Using React, Nestjs, Nodejs, MongoDB)

- Developed an enterprise application to manager Botanical Collections. (Using Framework yii2, boostrap, CSS3 y HTML5, Highcharts, mysql.)

Self-employed, Software Engineer | Cuba | Jun 2015 - Feb 2021

- Developed an web application to manage Occupations according to SOC and ISCO codes. (Using Angular, Express, Nodejs, PostgreSQL)

- Develop a business application for contract management. (Using Java, Grails, Ireport, Boostrap, CSS3 y HTML5, Highchart, •PostgreSQL)

Software Engineer, Technical Lead | Desoft SA | Cienfuegos Cuba | Sep 2009 - Jun 2015

- Developed an enterprise application which includes IT request management and task allocation flow. (Using PHP, Yii 2.0 Framework, Bootstrap, MySQL Database)

- Developed an enterprise application to manage book inventory. (Using Java, Hibernate, IReport, ExtJS, SQL Server)

- Develop a business application to manage the Quality of the products in a distribution center and had accounting reports. (Using Java, Hibernate, IReport, ExtJS, SQL Server)

- Develop a business application for contract management that also calculates expenses on raw materials and materials for own products. (Using Java, Hibernate, IReport, ExtJS, •PostgreSQL)

EDUCATION

Computer Science Engineer | 2004 - 2009
University of Computer Sciences, Havana, Cuba

CERTIFICATIONS

- Optimizing Storage and Retrieval (DF200)

- Design Skills and Advanced Features (DF300)

- Production-Ready Development ([DF400](DF400))