OSCAR CHANAX

SYSTEMS ENGINEER / SOFTWARE DEVELOPER

📍 Quetzaltenango, Guatemala.

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PROFESSIONAL SUMMARY

Software Developer with over 5 years of experience in frontend and backend development, specializing in React, Next.js, component libraries such as Shadcn and Material UI for modern, responsive web applications. Extensive backend experience with NestJS, TypeORM, and database management for both relational (PostgreSQL, MySQL) and non-relational (MongoDB) systems. Skilled in designing and implementing scalable solutions using cloud services like Digital Ocean and AWS, CI/CD pipelines with GitHub Actions, and robust API integrations. Passionate about clean code, optimization, and maintaining high standards of performance and security.

PROFESSIONAL EXPERIENCE

Front-End developer

ZIGI APP - Banco Industrial (GT), Mar 2024 - Present

Currently, I serve as a front-end developer for Zigi App (Guatemala), a fully digital financial application, where I have implemented new functionalities and optimized critical workflows by applying Clean Code best practices and agile methodologies.

My technical stack includes advanced use of React Native, MobX for state management, Axios for RESTful API communication, and React Hook Form for efficient form handling. I have integrated and configured SDKs such as MoEngage for push notification personalization, successfully enhancing user retention. In every development task, I implement unit testing with Jest to ensure a robust, error-free codebase, thereby optimizing the final product's quality. My approach is consistently focused on code scalability and efficient maintenance, fully aligned with industry standards.

Software Developer

Ciancoders (GT) - Enapsys (MX), Feb 2021 - Feb 2024

In my role as a software developer at these prominent technology companies specializing in administrative process optimization, I led and significantly contributed to diverse projects, with a particular focus on initiatives aimed at enhancing the efficiency of the purchase-to-payment process.

- I developed and implemented new functionalities on both the front-end and backend, web services, using technologies such as JavaScript, TypeScript, HTML, CSS, ReactJS, GraphQL, NestJS, Material-UI (MUI), typeorm, Docker, SQL, MySQL, and Redis.
- I collaborated on a cross-platform mobile development project using React Native, Redux, and typeorm, contributing to the design and implementation of efficient solutions.
- Working closely with the team, I understood customer needs, providing support and world-class solutions.
- I contributed to the team by participating in product development, demonstrating effective listening skills and a deep understanding of needs, resulting in tailored and efficient solutions.
- I actively participated in applying best practices and technologies to enhance operational efficiencies or project processes.

Full Stack Developer

Freelancer, Nov 2020 - Present

As a freelance Full Stack Developer, I have built a successful career participating in numerous medium-sized projects, distinguishing myself through my ability to leverage diverse technologies and adapt to the specific needs of each client. My versatile approach and technical skills have contributed to the success of projects spanning various areas and technologies.

- I executed multiple medium-sized projects, applying my skills in both web and mobile development. I utilized technologies such as JavaScript, TypeScript, ReactJS, Next.js, MUI, GraphQL, NestJS, Angular 12, Express Js, React Native, Flutter, Python Django, MySQL, MongoDB, and CI/CD.
- I demonstrated strong project management skills, leading initiatives from conception to implementation, ensuring timely delivery within budget constraints.
- I conducted requirements gathering in close collaboration with clients, ensuring a thorough understanding of their needs and expectations to deliver personalized and effective solutions.
- I maintained effective communication with clients, providing exceptional customer service and ensuring continuous satisfaction throughout the project lifecycle.
- I gained experience in integrating emerging technologies, staying abreast of the latest market trends to deliver innovative and efficient solutions.

TECHNICAL SKILLS

- **Web Development**
    - Languages: *TypeScript, JavaScript, Python, php, Dart*
    - Front-End: HTML, CSS, MUI, ReactJS, *Next.js, Angular 12, Vue2 js, Mobx, Redux Toolkit, Apollo Client, Axios, etc.*
    - Back-End: *NestJS, Express js, GrapQl, Laravel, Django Rest, nginx*
    - *Others: API, REST, SOAP, GraphQL, Web Services*
- **Cross-platform mobile development**
    - Móvil: *React Native, Flutter*
- **Database management**
    - SQL: PostgreSQL, *MySQL, MariaDB*
    - No SQL: *Mongo DB*

- **Cloud**
    - Digital Ocean
    - AWS (Basic)
- **CI/CD**
    - GitHub Actions
- **Testing**
    - Unit testing with Jest
- **Architecture**
    - Hexagonal
    - CQRS
- **Collective Collaboration**
- **SCRUM Methodology**
- **Project Management**

EDUCATION

Master's Degree in Computer Security

Universidad Mariano Gálvez, Guatemala, 2022 - 2023

Information Systems Engineering

Universidad Mariano Gálvez, Guatemala, 2016 - 2020

LANGUAGES

Spanish

- Native

English

- Intermediate (B1/B2) Level