ROBERTO FLORES

Senior Software Engineer

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SUMMARY

Professional software engineer with 10+ years of comprehensive experience in the Software Development industry. Provides strong technical direction across multiple projects. Experienced with the full software development lifecycle from planning to launch. Responsible and articulate individual with strengths in solutions optimization, mobile and cloud solutions, and global project management. A self-motivated, avid learner.

EDUCATION

2010 - 2014

- ### Bachelor's degree in Computer Science
  UCLouvain Saint-Louis Bruxelles

EXPERIENCE

01/2022 - 02/2024

London, UK

- ### Senior Software Engineer
  Quality IT
  · Mentored and provided technical guidance to an engineering team of 10+ members.
  · Spearheaded the transition of online educational platform from LAMP stack to modern **NextJS** & **React Native**-based architecture, resulting in a remarkable 300% increase of client company's revenue.
  · Implemented high-performance RESTful API endpoints using **Node.js** and **Nest** Framework.
  · Designed **Postgres** database for microservices and optimized its performance by implementing advanced indexing strategies and query optimization.
  · Led and participated in the development of various web and mobile applications including Renude, Relik, and Blockchef using cutting-edge technologies, including **React**, **React Native**, **Next.js**, **Node.js**, **Golang**, **Python**, and **Laravel**.
  · Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
  · Strong background in cloud computing, including **AWS**, **GCP**, **Docker** and **Kubernetes**, proficient in designing and implementing cloud architectures, deploying and managing applications.

06/2019 - 12/2021

Denver, CO, USA

- ### Software Engineer
  Velocity Global
  · Served as one of the lead engineers in the development of Customer Experience Platform(CXP)-SaaS product of the company with a team of senior developers leveraging **React**, **NextJS**, **Golang**, **GraphQL**, **Docker**, and **AWS**.
  · Developed **RESTful** webservices and microservices using **Golang** for reading large volume of data from **Postgres** database.
  · Laid and designed architectural foundation of **GraphQL** layers for transport route optimization and billing automatization.
  · Built a semi-auto mechanism which synchronously migrates CXP database into Glean data source using **React**, **Node**, **Python** and **Glean APIs**, resulting in a 30% improvement in speed and accuracy of data searching.
  · Participated in the development of Document Management Platform(**DOCX**), providing **AWS Lambda**, **FormKiQ** and **OPA** solutions, and building high-performance **RESTful APIs** using **TypeScript** and **NodeJS**, handling an average of 1,000 large-scale requests per hour.
  · Collaborated with staff and principal engineers to provide proof of concept, **TDD**, and design and develop robust solutions to meet product requirements.
  · Mentored less experienced team members to follow the advanced development principles and methods.

EXPERIENCE

06/2017 - 06/2019

Brussel, Belgium

Full Stack Developer

3E

· Worked with a team of developers to migrate the existing UI from **AngularJS** to **React**, adding an extensive list of new features, unit tests and e2e tests for all features, key users, and roles.
· Led the end-to-end development process, including database design, frontend and back-end development, and **AWS** deployment, utilizing **Node**, **React**, **React Native** and **MongoDB** as the tech stack.
· Overcame the challenge of limited payment integration options in Malaysia by conducting extensive research and selecting the best available service.
· Successfully delivered the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are actively utilizing the platform's car and motorcycle lending services.
· Developed BOTs for car renting and property management services using **Chatfuel**, **Facebook**, and **Dialogflow** BOT frameworks for Facebook Messenger.
· Worked on managing the **Git workflow**, reviewing the completed tasks and conducting the code reviews.

07/2014 - 05/2017

Brussel, Belgium

Front End Developer

Adiutum

· Spearheaded the frontend development of ecommerce web applications using **React**, **Redux**, **Typescript**, **MUI**, **Bootstrap**, **SCSS**, etc.
· Refactored the client-side of applications into a reliable **SPA** architecture.
· Provided seamless user interface, kanban board, data visualizations, and designed overall user experience.
· Wrote high-quality code which covered 100+ unit and **e2e** tests to verify the functionality of UI components and overall workflow.
· Stayed updated with the latest **React** and **React Native** trends and libraries to enhance the app's competitive edge.
· Provided powerful support to senior developers after becoming proficient in **React** and frontend technologies, resulting in a stronger, more efficient tech team.
· Participated in the bootcamp sessions to learn and implement JavaScript and PHP framework basis.

SKILLS

| Full Stack Development | Mobile App Development | Test Driven Development | Agile Development |

DevOps

CERTIFICATION

Full-Stack Web Development with React Certification

Front End Web Development Certification

Back End Web Development Certification

Free Code Camp Full Stack Development Certification

Mobile App Development Certification