

Jose Miguel Burgos

Full Stack Developer

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Education

BSc Computer Science, *University of Hertfordshire*

2020 – 2021
Hertfordshire,
United Kingdom
First Class Honours

Diploma in Information Systems, *College of the North Atlantic - Qatar*

2016 – 2020
Doha, Qatar

Certificates

- NodeJS [🔗](#)

Seeking challenging work opportunities that allow me to continue learning and developing as a computer scientist alongside a team of some of the best professionals in the field.

Professional Experience

Principal Full Stack Developer, *24x7 Direct*

09/2023 – present | Cavite, Philippines

- Orchestrate the creation and upkeep of a Kubernetes cluster, deploying and linking services for optimal performance.
- Driving end-to-end development and maintenance of codebase for both front-end (React) and back-end (Node JS) components.
- Managing development and maintenance of a MySQL database, optimizing data storage and retrieval.
- Investigating and integrating 3rd party services (Twilio, SynCFusion, Form IO, etc.) expanding the capabilities of a CRM project to meet diverse requirements.
- Formulate and refine project architecture, ensuring scalability and adaptability.
- Devise the Kubernetes architecture, contributing to the efficient deployment and orchestration of services within the CRM project.
- Formulate the overall system architecture, aligning technological solutions with project goals and ensuring a cohesive and sustainable system.
- Implement and maintain an IPsec VPN in a virtual machine using the IKEv2 protocol, establishing secure access to cloud services for enhanced data protection.
- Develop and implement a GitHub Actions workflow to enforce best practices and testing in the development process.
- Provide hands-on training for a front-end developer, fostering skill development and proficiency in project requirements.

Key Achievements:

- Spearheaded the research and development of Google Cloud services (GKE, Cloud SQL, GCE, etc.), enhancing functionality for a CRM project.
- Produced high-level design documents for effective project communication, serving as a reference throughout the project cycle.
- Successfully integrated a cloud-hosted MySQL database into the Kubernetes cluster, optimizing data management and accessibility within the project environment within a week.

Full Stack Developer, *Nova Labs*

08/2022 – 08/2023 | Doha, Qatar

- Developed and maintained front-end, back-end, and database components for web and mobile applications
- Designed and implemented user interfaces for both web and mobile applications
- Created Entity Relationship Diagrams (ERD) and use cases to effectively communicate project requirements and solutions
- Conducted extensive testing and debugging to ensure a seamless user experience and minimal errors in all projects

Skills

HTML

CSS

JavaScript

TypeScript

Express

Socket.IO

React.JS

React Native

Redux

MongoDB

Firebase

GraphQL

Docker

AWS

GCP

Figma

Kubernetes

- Reviewed pull requests in GitHub to maintain code quality and ensure adherence to best practices and project standards
- Developed and implemented software architectures for new features, considering scalability, performance, and maintainability
- Stayed up-to-date with the latest technologies and evaluated their suitability for projects, making recommendations for improvements

Key Achievements:

- Led a two-man team in developing an order application app for a leading USA food and beverage chain that was deployed within 6 months
- Enhanced and maintained one of the forefront media agencies for the automotive industry resulting in a decrease in bugs raised and an increase in sales leads by 35% two months after the rollout
- Integrated a payment gateway into the application of a famous food chain that increased its digital presence and sales by 10%
- Designed and implemented a loyalty card feature in Apple and Google Wallet for a start-up cosmetics company, improving user engagement and loyalty by 5%

Full Stack Developer, *Tatbiq Company*

05/2021 – 02/2022 | Doha, Qatar

- Managed and mentored a team of 5 developers by providing direction, guidance, and training in all aspects of the service lifecycle
- Investigated and troubleshoot real-time customer bugs to address the root cause of customer interface issues within the agreed SLA

Key Achievements:

- Developed and maintained a mobile application for a ride-hailing service start-up used by more than 20,000 users daily
- Reduced the monthly cost of GCP services by \$700 by developing a function that detects the nearest drivers and ETA's more efficiently
- Designed and developed a favorites feature that streamlined the end-to-end customer journey by enabling customers to book a ride in 5 clicks