Roberto Arenal

Energetic engineer with experience in software development and big data solutions. Seeking to be part of an IT/Data driven company, team up with professionals and contribute with technology development and improvement. Individual passionate about data analytics and its applications to assist the company achieve their goals by applying my skills and enhancing my knowledge while working with other engineers.

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WORK EXPERIENCE

Kalypso: A Rockwell Automation Business, Monterrey MX – *Software Engineer*

February 2022 - January 2023

- Used a variety of new technologies and softwares to build industry specific demos that showcased Kalypso's and Rockwell's digital transformation capabilities.
- Gained experience in multiple softwares like PLM (PTC–Windchill), IIoT (PTC– Thingworx), VR/AR (PTC– Vuforia), Digital twins (Rockwell– Emulate3D).
- Worked together with the business and technical consultants to gather information and material from previous implementations that helped us to build compelling material.

The Home Depot, Monterrey MX— *Software Engineer*

November 2017 - September 2020

- Responsible for the definition, development and implementation of new system requirements inside the ERP of the company. Using technologies like; C#(.net)/SQL server/TFS/Git
- Participated in the migration of the legacy ERP of the company into a cloud based solution.
- Implementation of 30 reports and dashboards which provided key indicators for easier decision making to the company.
- Achieved SAFe(Scaled Agile Framework) certification for product manager/product owner role.

Intelisis Software, Monterrey MX— *IT Business Consultant*

June 2017 - November 2017

- Advisory and implementation of inhouse ERP to customers which improved his efficiency and helped standardize business processes.
- Achieved the SQL Reporting Services (SSRS) certificate and developed 10 reports to customers.

Business Management Task, Monterrey MX— *Full stack Dev*

January 2015 - March 2017

- Developed customized solutions to customers. Using technologies like; PHP, JS, Jquery, HTML and CSS.
- End to end project participation, from system requirements definition to the implementation and database maintenance.
- Participated in the development of CRM which helped the customer to; improve in 65% customer satisfaction, detect potential customers 50% faster, and increase revenue and profitability.

EDUCATION

Barcelona Technology School, Barcelona, Spain — Master *Big Data and AI Solutions*

September 2020 - July 2021

Instituto Tecnológico de Estudios Superiores de Monterrey, Monterrey, México — *B.S. Business Informatics*

August 2012 - May 2017

SKILLS/ABILITIES

- Quick learning and adaptation.
- Team work.
- Problem solving through reasoning and creativity.

LANGUAGES AND KNOWLEDGE

- English (proficient)
- Agile: Safe(competent)
- Python(expert), C#(competent), Javascript (proficient), PHP(proficient), HTML(proficient), CSS (proficient), PySpark (competent),
- DBMS: SQLServer (expert), Postgres (competent), MongoDB (competent)
- BI (proficient): Tableau, PowerBI
- Apache(competent): Spark, hadoop, kafka
- Containers(proficient) : Docker
- AWS (competent)– S3, EC2, ECS, DynamoDB, Lambda, Cognito, Amplify.