Houari Benguesmia

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Software Engineer | Software development engineer | SDE

WORK EXPERIENCE

Software Engineer (Full Time) | Dig&It | 03/2020 – Present

- Built and deployed multiple solutions that reduced costs by at least 20% for our client and reduced the time from 3 weeks to 2-5 days
- Involved in the full cycle of our products, from communication with clients and stakeholders, architecting and designing, development, and testing for 10 projects
- Currently working on a full generic GIS data pipeline automation system to cover all the cases for 4 different clients

Data Engineer (Part Time Full Remote) | SalesPro LTD | 11/2019 – 12/2021

- Collected and gathered a full dataset (20+ features) using scraping and testing applications related to windows low-level APIs calls and DLLs, websites…
- Prepared, cleaned and validated the data for features selections which was used by 3 other AI Engineers
- Automated excel with a GUI and data visualizations capabilities to save time for other engineers and analyst (internal tools) 2h+/day

Dev Team Lead (Co-Founder Volunteer) | Generation Challenge | 06/2021 – present

- Mentoring dev team to build presentation products (10+ students)
- Give expertise, workshops & talks to members and participants (more than 20)
- Organize events and do public speaking (2000+ attendees)

Network Administrator (Internship) | Sonatrach | 02/2019 – 06/2019

- Overview of all the departments and teams related to IT (15+ team)
- Made improvements to the existing architecture related to VLAN, security and DDOS prevention (latency)

Software Engineer (Part-Time) | Sigma Project | 10/2018 – 03/2019

- Enhanced Inventory & Stock Management System and automated excel reports from a SqlDatabase
- Built from scratch Kids Park Management System (Desktop) which was used by 3 different clients

EDUCATION

- **Master's Degree** | Sciences and Technology University of Oran - (USTO-MB)
  2017 – 2019 | Grade: B
- **Bachelor's Degree** | Sciences and Technology University of Oran - (USTO-MB)
  2015 - 2017
- Preparatory School (1 year only) | **Higher National School of Computer Science - ESI ex INI**
  2014 - 2015
- **Mathematical Baccalaureate** | 2014 | Grade: 16.68 / 20, Highest Honors

SKILLS

- **Problem Solving Skills:** Logical Thinking, DSA, Data Driven, Daya Analysis, Debugging, Testing
- **PERN Stack (full stack web development):** Front-end, Back-end, Postgres, ReactJS, ExpressJS, NodeJS, JavaScript, ES6, JSX, MUI, NPM, microservices, APIs, HTML, CSS,
- **Android:** (Native using Java (MVVM, MVC design patterns), Hybrid using React Native)
- **Server Deployment:** Linux server, OVH, Docker, Ngnix, Configuration ...
- **Scripting :** Python, PyQGIS, Autommation, DataAnalysis, DataVisualisation, FileSystem
- **Relational Database:** Postgres, MySQL, SQL...
- **Version Control:** GitHub, Git

LANGUAGES

- English
- Arabic
- Frensh

INTERESTS

- Football - Street Workout
- Outdoors – hiking – running
- Teaching