EDWARD **MARZAL**

SOFTWARE ENGINEER

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Result-oriented software developer with more than three years of professional experience, Able to work under pressure to stay focused and detail-oriented to develop the best performance. Responsible and organized to keep the workflow intact. Strong team player with good communication skills to get the best results. Available to work worldwide in any time zone.

EXPERIENCE

JANUARY 2022 – PRESENT

SOFTWARE ENGINEER, CONTENTSTACK

- Programmed functionalities alongside a worldwide team focused on Back-end (Mainly using Typescript and NestJs).
- Generated reports to the lead IT engineer.
- Programmed APIs in NodeJs(Typescript and Nestjs) and Python(Django) using relational databases (PostgreSQL and MySQL) and non-relational databases (MongoDB and Firebase).
- Implemented E2E testing on different apps using Playwright.
- Implemented Datadogrum as an error handler.
- Developed Unit and Integration testing covering 95% of the program using Jest.
- Implemented AWS as a cloud service for the development of new features.
- Used Jira as a progress control system.
- Implemented Elastic Search in the new software.
  - Participated actively in the agile methodology SCRUM with the team.

JULY 2021 – DECEMBER 2021

SOFTWARE DEVELOPER, FREELANCER

- Programmed the user interface and principal functionalities alongside with the design team and frontend team (Mainly in React Js and using Next Js).

- Generated reports to the lead IT engineer and design leader.
- Programmed the APIs in Python (Django and Flask) and Javascript(Nodejs + Express and typescript) using relational databases (MySQL and PostgreSQL).
- Developed detailed documentation for the correct usage and maintenance of the software.
- Worked on the implementation of cloud services (AWS).
- Implemented payment methods with Stripe and Paypal.
- Used TypeORM on the APIs.

AUG. 2019 – JUNE 2021
SOFTWARE DEVELOPER, CAPSTONE PROJECT

- Designed the databases following the requirements of the software.
- Developed databases in SQL. (MySQL and Microsoft SQL Server) and NoSQL (MongoDB).
- Maintained databases and APIs giving the best performance possible. • Programmed APIs in different programming languages and frameworks including Javascript, NodeJs, and ExpressJs.
- Utilized Git as control version software.
- Performed tests in Postman and Insomnia.
- Built the user interface using JavaScript, CSS, and HTML on the Frontend area using ReactJs as the Central Library.
- Generated reports and documentation on every stage of the software's workflow.

EDUCATION

Computer Science for Business Professionals, HARVARD UNIVERSITY (2023)

IT & SOFTWARE ENGINEER, ESAN UNIVERSITY (2016-2021)

FULL-STACK BOOT CAMPS, UDEMY (2021)

LANGUAGES

SPANISH Native (C2)

ENGLISH Advanced (C1)

GERMAN Basic (A2)