

# EDWARD MARZAL

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## WORK EXPERIENCE

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### CONTENTSTACK

Remote

SOFTWARE ENGINEER

Jan 2022 - Jul 2023

- 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 Datadog rum 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 ElasticSearch in the new software.
- Participated actively in the agile methodology SCRUM with the team.

### FREELANCER

Remote

SOFTWARE ENGINEER

Jul 2021 - Dec 2021

- Programmed the user interface and principal functionalities alongside with the design team and frontend team (Mainly in ReactJs and using NextJs).
- Generated reports to the lead IT engineer and design leader.
- Programmed the APIs in Python (Django and Flask), Java (Springboot) and Javascript (Nodejs + Express and typescript) using relational databases (SQLite3 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.

### CAPSTONE PROJECT

Lima, Peru

SOFTWARE DEVELOPER

Aug 2019 - Jun 2021

- Designed the databases following the requirements of the software.
- Developed databases in SQL (MySQL and Microsoft SQL Server).
- Maintained databases and APIs giving the best performance possible.
- Programmed APIs in different programming languages and frameworks including Java, Springboot.
- 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 Angular as Framework.
- Generated reports and documentation on every stage of the software's workflow.

## EDUCATION

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### HARVARD UNIVERSITY

Remote

Computer Science for Business Professionals

Graduation Date: Jun 2023

### ESAN UNIVERSITY

Lima, Peru

IT & SYSTEMS ENGINEER

Graduation Date: Dec 2021

## SKILLS

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SPANISH NATIVE (C2) ENGLISH Professional (B2).