Giulio Indennitate
Full Stack Engineer

PERSONAL DETAILS

- Place of residence: Nardò (Le), Italy
- Date of birth: 05/04/1994

- LinkedIn: giulio-indennitate-4a111013a/
- Github: github.com/giulioindev
- Website: giulioindennitate.it

MAIN SKILLS

- Python
- Django
- Node.js
- NestJS
- TDD
- Selenium

- React
- Angular
- HTML & CSS
- Flutter
- Typescript
- AWS
- Git

SUMMARY

I am very proactive, always looking for new things to learn and improving my skills. Proficient in various technologies and programming languages, including Python, Django, React, TypeScript, HTML, and CSS. Able to effectively self-manage during independent tasks and collaborate as part of a productive Agile team.

WORK HISTORY

Full Stack Engineer, 04/2023 - today

Orbyta Tech
- ***P3P:*** both backend and frontend development of a complex system related to Structural Health Monitoring of viaducts and bridges. The system is composed by several units: a custom Python

package that performs all the required calculations, a Django backend (with Django REST Framework) app which exposes the APIs and receives some Kafka messages from the near-bridge app, an Angular app that consumes the APIs and shows some user-friendly results, and a near-bridge Django app which performs the calculation using the custom package and sends some Kafka messages to the backend. Technologies involved:

- ○ BE: **Python, Django REST Framework**, **Celery**, **Kafka**, **Faust**.
- ○ FE**: Angular**.
- ***Orbyta Booking***: backend development for the app used by Orbyta's employees to book a workplace in a company's office. Technologies involved: **Flutter**, **NestJS**, **Azure**.

Full Stack Engineer, 08/2022 - 04/2023

Etiqa

- ***Multiply Labs***: Both backend and frontend development regarding a microservice-based system for Multiply Labs, a US company specializing in individualized drug manufacturing through robotic systems. Technologies involved: **Python** (**FastAPI**, **Jinja2**), **React** with **TypeScript**, **AWS**. Furthermore, I developed and maintained an Automation Testing suite which includes unit tests and integration tests (Python and Selenium) for testing all the system's apps.

- ***Etiqa***: Development of a 2FA Automation Testing tool composed of an API + Webhook exploiting Twilio, developed in **Python**, built and deployed using **AWS**.

Software QA Engineer, 07/2021 - 08/2022

Etiqa

- ***Ritualmente***: Business analysis (user stories, user story mapping) and quality assurance manual and automation testing (**Python** and **Selenium**) regarding the complete refactoring of an E-learning platform.

Software Engineer, 09/2020 - 07/2021

A-thon

- ***A-thon***: Development of features of an internal tool written in Java used for massive data injection on a Microsoft Dynamics CRM.
  I also gained basics of using and customizing Microsoft Dynamics environments by exploiting tools such as PowerAutomate and PowerApps.

EDUCATION

Polytechnic Institute of Turin, Turin, MSc in Biomedical Engineering

2020

Thesis project in Computational Hemodynamics: "The impact of inlet velocity profile shape on computational hemodynamic results in left circumflex coronary arteries", thesis available [here](#).

University of Pavia, Pavia, BSc in Biomedical Engineering

2017

Thesis project in Computational Hemodynamics: "Valutazione della drag force sulla parete dell'arco aortico tramite analisi fluidodinamica computazionale", presentation available [here](#).

AWARDS & CERTIFICATES

ISTQB Certified Tester Foundation Level

12/2021

First Certificate in English

07/2017