

Ali Shafiei

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EDUCATION

LUIGI VANVITELLI UNIVERSITY

MAJORED IN DATA ANALYTICS

Expected Sept 2025 | Napoli, Italy

Courses:

Fundamental of Programming

Fundamental of Computer Science

Advanced data analysis and visualization

Computer Systems Modelling

Advanced Scientific Computing

Data mining and big data

LINKS

LinkedIn

Github

YouTube

Twitter

Udemy

COURSEWORK

GRADUATE

- CS50 introduction to web development

Mar 2022 – Aug 2022

- CS50 introduction to computer science

Aug 2021 – Nov 2021

[Link to Certificate](#)

Topics:

C • Data Structures and Algorithms

Python • Javascript • React.js • Django

Models • Unit Testing • User Interface

SQL • CI/CD • Scalability and Security

SKILLS

PROGRAMMING

Experienced:

- Javascript

- Python

- React.js

Intermediate:

HTML • CSS • Typescript • Next.js

Redux • Git • Firebase • Django

PostgreSQL • RestAPI • Tailwindcss

SEO • SSR • Responsive design

Familiar:

- C

- Swift

- IOS App Development

- Linux

- Docker

EXPERIENCE

FREELANCER FULL STACK DEVELOPER AND TEACHER

Feb 2023 – Apr 2023 | Fiverr

- Developed a **single page web application** for a real estate agency from zero using **React**, Material UI, **Django**, **SQLite**.
- Complete **Unit testing** coverage (React testing library)
- Implemented a listing page for them with an enhanced search (Binary Search) and sort (Quick Sort) functionality resulting in a better **UX**.
- Designed a customized Admin panel in **Django** to simplify **CRUD operations**.
- Utilized **Django Rest framework** to connect the back-end with front-end and also to give the client ability to have their private **API**.
- Aided with their Contact us service and made this service **2x times** more **efficient** by using a third party service to **automate** their **appointments dates**.
- Instructed a cohort of **4 students** in the principles of **React.js**, concepts like **Components and Props**, **Hooks**, **JSX**, **States**, **Event Handling**, **Conditional Rendering**, **Lifecycle Methods**.

PROFESSOR ASSISTANT | FUNDAMENTAL OF PROGRAMMING

Sep 2022 – Dec 2022 | Luigi Vanvitelli university

- Revised programming homework and held office hours for **50+ students** in **Fundamental of Programming**. Taught in **Python**
- Hosted classes on behalf of my professor for **+20 students** in the preparation for the final projects and exams.
- leaded a group of **5 students** from another university in collaboration of implementation a mini **Realtime chat app** using **React**, **Firebase**.
- Applied **Firebase authentication** to handle user **sign in / sign up** with their Google account and **Firebase Firestore** as our **cloud database**.
- Programmed a **Serverless Backend server** to disable a user from signing in if they disrespect other users in their messages by using **Firebase Security Rules**.

PROJECTS

AUCTION WEBSITE | PERSONAL PROJECT

Approximately 1 month

Built an **Ecommerce** website with an **Auction** Service, used **Django** for all the back-end features such as **User dashboard** that enabled users to list their products for sell, **Bidding** on a product, **Commenting** on a product, Add or remove a product to their **Wishlist**, Created different **Categories** based on the product to enable the user to find a specific product **faster**, Implemented an **Admin panel** to rule everything on the website.

BLOGGING WEBSITE | REQUESTED PROJECT

Approximately 2 weeks

Designed and Developed a a blogging platform on **React.js**, Utilized **Figma** and **Tailwindcss** to structure the **UI** of the website, Used **Redux** for **state management** and **Firebase** for cloud back-end, Worked with **Axios** to fetch **APIs**,

ECOMMERCE WEBSITE | SIDE PROJECT

Approximately 1 month

Developed an Ecommerce Website with **Next.js** on the front-end and **Firebase** for the back-end, Used Next.js main **features** such as **Server Side Rendering**, **Search Engine Optimization**, **URL Routing**, **Image Optimization**.