

Hasnain Zafar

Software Engineer

+92 3094357074
hasnainistz@gmail.com

Skills

React JS, NextJS, SQL, MERN, Selenium, Python, Javascript, Redux, Git, Tailwind CSS, Bootstrap, Scraping and Machine Learning

Certifications

- Machine Learning Specialization
- Server-side Development with NodeJS, Express and MongoDB
- Front-End Web Development with React
- Google IT Automation With Python

Awards

- Winner - Bug Catcher NasCon
- 3rd Overall Coding Guru 23'

Co Curricular Activities

- Horse Riding
 - Writing science and tech blogs on Medium
 - Learning german
 - Book reading
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Interests

- Web Development
- Machine Learning
- Automation

Profiles (Clickable Links)

Github
Medium
LinkedIn

Experience

Muscled Inc. / Front End Developer

January 2023 - August 2023 , Remote

Assisted in building web applications using React.js, focusing on front-end features and user experience improvements.

Fiverr / Freelancer

January 2020 - Present

Automated web-based workflows for clients using Selenium Python, reducing manual repetitive tasks resulting in faster processes and less manual work which saved money and time for my clients.

Projects

Avimia

E-commerce website using React JS , Node, Express and MongoDB. Also used NextJS for easy routing. Designed the interface of the website and created a responsive front end.

Weather City

Forecast based on geolocation. A web application made using React, Bootstrap and Openweather API. The application uses coordinates and returns current weather at that geolocation.

WatchIT

Front end for a crime reporting social website using React, Bootstrap and CSS. Designed and coded components like profile pages, home feed, various forms etc. Also did form validations to prevent SQL injections.

FaceGAN

Trained a GAN model to generate human faces using celebA dataset and tensorflow. Due to limited GPU, during training of NNs, Google collab used to crash. To solve this I wrote code for batching of training set in a linear manner.

Motion Detection

Wrote own algorithm that uses OpenCV library in Python to compare frames in real time. Program compares two frames and perform logical XOR operation to calculate difference b/w frames that suggest movement has taken place

Website Cart Automation

Automated cart for coopculture website using selenium python and beautifulsoup for a client. This project successfully saved client time and made reservations. Also bypassed reCaptcha using self written code.

Education

FAST NUCES / BSCS

September 2020 - Present, Lahore

Acquired expertise in key CS domains: Data Structures, Algorithms, OOP, Databases, Networking, Software Engineering, Artificial Intelligence , Operating Systems