HASSAN R

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LANGUAGES

- Python
- C++
- C#
- TypeScript
- Java
- JavaScript
- Rust
- NextJs

TECHNOLOGIES

- Digital Ocean
- UI/UX Design
- MySQL Database
- Pymyxl
- Bash
- Bootstrap
- Git
- ThreeJS

EXPERIENCE

Pawno Scriptor
July 2017 - Sep 2019

Code Zero Cops and Robbers @ GTA San Andreas
Multiplayer

Graphic Designer
May 2021 - Mar 2022

DSA @ Capital University of Science and Technology

Lab Assistant
Feb 2022 - Jun 2022

Object Oriented Programming @ Capital University of
Science and Technology

Database Administrator
Mar 2023 - May 2023

Hypixel, Vortex Network @ Minecraft

Minecraft Mod Creator
Feb 2023 - Jun 2023

Fabric, Vortex Network @ Minecraft

PROJECTS

Personal Portfolio

- A website featuring my skills, blog, resume
  and projects. A visual representation of my
  Curriculum Vitae.
- ReactJS, ThreeJS, TailwindCSS, Digital
  Ocean, HTML, CSS.
- https://portfolio-ctxdajmhp-hassan-
  rehmans-projects.vercel.app/

- Word
- Excel
- Powepoint
- Unity Game Developer
- Tailwind CSS
- VIM

- English
- Urdu

Royal Honda

- A complete file management system built for the employees to increase their work efficiency built as a web application using NextJS.
- Converted 100 percent of the manual work to 80 percent of automation.
- http://royalhonda.vercel.app/

Lingo Learner

- An android application built for kids to learn grammar using firebase and java.
- Available on playstore.
- @Github

Shortest Path Finder

- I have developed a Python visualization of the A* pathfinding algorithm enabling users to select start and end locatons and observe the process of finding the shortest path .This interactive tool allow for dynamic exploration and understanding of the widely used A* algorithm.By setting start and end points, users can witness the algorithm intelligently navigating obstacles to determine the optiomal path.
- Python
- @Github

Minecraft Mod

- I have developed a sophisticated mod that utilizes machine learning algorithms to automate user tasks, such as retrieving data from server chat, solving mini games, auto-clicking for efficient grinding. This mood combines advanced techniques to streamline processes, ehance user experience, and improve productivity, revolutionizing the way users interact with the system.
- Java,SQL,Fabric,Machine learning algorithm
- @Github

Data Entry Automation

- I developed groundbreaking software for Dalda-Distributions that automates data entry and presentation tasks. It task has resulted in remarkable 95% increase in task efficiency compared to manual processes. By leveraging automation the software eliminates errors, accelerates data processing, and presents data in a visually appealing manner. This implementation has set new standards in data management and operational excellence ,optimizing productivity for Dalda-Distributions.

- Python, Pymyxl
- [@Github](#)

Final Year Project Portal @ CUST

- A portal designed for all the members of Capital University of Science and technology to submit their Final Year Project, Track progress of each other as well as track activities of each other. Project contains a messaging app well.
- React, Javascript
- [@Github](#)

System Shield

- A project through which users can monitor track their computer's usage and detects any sort of abnormality in their hardware of up-to 100 of computers at the same time.
- React, Javascript
- [@Github](#)

ACHIEVEMENTS

Python Developer @ Dalda Distributions 2021

- Created a tool that automates a task that would typically take a human 30 days to complete. However, my tool can accomplish the same work in mere seconds.
- Collaborating with cross-functional teams including designers, product managers, and other developers to create high-quality products.
- Implementing responsive design and ensuring cross-browser compatibility.
- Developing and automating as many tasks as possible for the company.

Website Development Contest @ CUST 2021

- Winner
- Technologies: Wix, HTML, and CSS.

ICPC Regional @ Giki Topi 2021

- 19th Position
- Technologies: C++, Python, and Java.

Speed Programming @ Visiopark Comsats 2022

- 5th Position
- Technologies: Python, Java