

KEANAN PATHER

SOFTWARE DEVELOPER

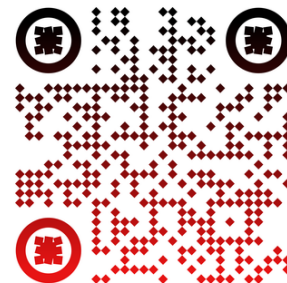
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About Me

I am a passionate and driven individual. I am equipped with a solid foundation in programming and a genuine enthusiasm for problem-solving. Additionally, I am a fast learner, adaptable, and possess excellent analytical skills that enable me to tackle complex challenges. I am excited to leverage my knowledge and determination to contribute to innovative and impactful software development projects.

Hobbies

- Fives football
- BJJ & MMA
- Guitar

Skills

- C++
- Javascript
- Python
- HTML
- CSS
- Bootstrap 5
- PostgreSQL
- MongoDB
- Mongoose
- NodeJs
- ExpressJs
- React
- API handling
- ChatGPT
- Glt

Experience

Patco Holdings Website <https://patcoholdings.com>

Created a small business website using HTML, CSS, bootstrap5, and Javascript. The website is fully responsive with mobile first in mind. Took advantage of the formsubmit API to handling automated emailing to client.

A * path finding algorithm visualization

Used python and pygame to implement a visualization of the A * path-finding algorithm. In a 50 by 50 grid, you set start, end, and barrier nodes. This is then used by the algorithm to calculate the g, h, and f scores in order to find the shortest path.

Blog

Created a blog website for coding basics. Backend is implemented using nodeJs and expressJs. With data being persisted by MongoDB Atlas. Frontend is just HTML, CSS and bootstrap5.

React Crypto App

Used react, react-router-dom, useState, useEffect, and Axios. Took advantage of the Coingecko API to render information on the top crypto currencies.

Education

Dr. A.D. Lazarus Secondary School

2016

- | | | | |
|--------------------|---|-------------|---|
| • Mathematics | B | • Geography | B |
| • Physical Science | B | • EGD | B |
| • English | C | | |

UKZN BSC Electronic Eng

2017

First year completed.

UNISA BSC Mathematics & Computer Science

2020-
present

Still studying part-time