

Pawan Kumar

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Summary

Enthusiastic Software Developer eager to contribute to team success through arduous work, *attention to detail*, and *excellent organizational skills*. A clear understanding of JavaScript, Python, C++, and various other tech stacks and operations in the cloud. I have worked on projects like GitHub Explorer, Route Finder (OpenStreetMap), System Monitor (HTOP Clone), Face Detection with CNN, and things like OpenCV, Azure, Docker, Linux, A-Frame for VR, and much more. I would love to consolidate my energy for learning and working with my product improvement abilities to keep building customized mastering items for individuals.

TECHNICAL PROJECTS

Route Finder

- Extensive use of graphs and A* search algorithm to build a route planner that finds a path between two points on a real-world map.
- Used OpenStreetMap data and the IO2D visualization library for the real-world map, and visualization.

HTOP Clone

- Like widely used system monitor htop clone.
- With OOP as a primary design in mind, this system monitor is capable to display CPU, RAM, processes running, and their hardware consumption in real time. Additionally, system config and uptime as well.

Github Explorer

- With the extensive use of React.js, hooks, and Context API, a web app designed on modern principles which *used GitHub API to fetch various information* of any GitHub user.
- Substantial usage of *React router* to create bookmarkable site, and route pages within the web app.

Face Detection

- Extensive use of CNN, this model can detect and classify me with my name. Libraries
- used: *keras, numpy, cv2* and more.

Skills

- | | |
|-----------------------|--------------------|
| • HTML/CSS/JavaScript | • React |
| • Python | • C++ |
| • Git | • Linux |
| • Docker | • Machine Learning |
| • GitHub | • Azure |
| • C | • SQL |
| • Computer Vision | |
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Education

B.Tech, Computer Science and Engineering (2019-2023)

Lovely Professional University • Jalandhar, Punjab

Intermediate with PCM from CBSE

TATA D.A.V. Public School • Ramgarh, Jharkhand

05/2019

- Percentage: 81.4%

Matriculation from CBSE

TATA D.A.V. Public School • Ramgarh, Jharkhand

05/2016

- CGPA: 9.4

Global Certifications

- Microsoft Azure Fundamentals Certified.

Languages

- English
- Hindi