



Pratik Mohanty

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Tranekærvej 58, st. 43, 8240 Risskov

Education History

Aarhus University, Denmark

Master of Science in Computer Science | 2023 -

Vellore Institute of Technology, Chennai

Bachelors in Technology of Computer Science and Engineering | 2019 - 2023 | CGPA - 8.29/10.0

Experience

Psiborg Technologies

Internship | Feb 22 - Apr 22

Technical Skills

Programming Languages: Python, Java, C, CPP, C#, SQL (MySQL), JavaScript, HTML/CSS, PHP, Lua

Skills: Team worker, Quick learner, analytical thinking

Developer Tools: Git, VS Code, Jupyter Notebooks, Unity, Excel, Google Sheet, Visual Studio, Linux

Relevant Coursework

Machine Learning, Database Management System, Networking and communication, Data Structures and Algorithm, Social and Information Networks, Web Mining, Natural Language Processing, Operating System, Mathematics, Project management, Computer Architecture and Organization, Web Programing

Achievements & Certificates

AWS Certified Cloud Practitioner - 2022

Software Management, NPTEL - 2022

Best IoT Simulation Hack-a-Thon, VIT - 2021

Game Design and Development - 2021

Language

English | Hindi | Odia

Co-Curricular Activities

Volunteer at Studenterhus Aarhus

Content creator, Game Development Club, VIT

Photography

Cricket, Inter School Tournament

Projects

Virtual Analysis for Spinal Cord Injury Rehabilitation - 2023

- Aimed to provide patients suffering from SCI with a better and cheaper mode of rehabilitation outcome prediction and tracking.
- Used image processing for tracking individual joint movement position for real-time data generation.
- From analyzed the generated data in various Machine Learning algorithms for better outcomes in categorical order.

Smart Shopping Assistant - 2022

- Innovative consumer purchasing product that is designed to help customers fast-track their shopping experience.
- Apriori algorithm and market basket analysis has been used in making of this smart shopping assistant.
- Used a device with an in-built barcode reader to retrieve the complete details and add to the cart by customer. A fully automated web services for the billing and payment for the customers.

Smart Agriculture Hub - 2021

- Developed an IoT simulation to help farmers to keep a track on the automated work and analyzing the environment climate condition.
- Visualized the simulation showing the full functionality of the system using Things Board and MQTT communication protocol
- Monitored and optimized the total power consumption of the system

Blood Report Analyzer - 2021

- Designed a blood report analyzer that will analyze the blood test values of patients. and give them remarks and also show a comparative graph.
- Implemented by using HTML, PHP, JavaScript, Ajax, J-Query and Chart.js.

Clinic Management System - 2019

- Developed a clinic management software for clinic's inventory and patient checkup.
- Created a User friendly UI for Doctor, Clinic Staffs and Patients for appointments, prescription and inventory management..
- Implemented to make easier data storage and doctor patient history.

Hobbies

Sports

Photography

Traveling