



PRATIK MOHANTY

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SUMMARY

I'm Pratik Mohanty, a dedicated computer science enthusiast on a journey of continuous learning and growth. I recently completed my Bachelor's in Technology in Computer Science and Engineering in 2023 From VIT India, and I am currently pursuing my Masters in Computer Science at Aarhus University Denmark. As a passionate and hardworking individual, I thrive on tackling challenges and expanding my knowledge in the ever-evolving field of computer science. I believe that the key to success lies in perseverance and adaptability, and I am committed to pushing my boundaries to achieve excellence in all that I do. If you're looking for a motivated team player with a hunger for knowledge, I'd love to connect and explore potential opportunities together. Let's collaborate and make the digital world a better place!

EDUCATION

2023 – present	AARHUS UNIVERSITY, DENMARK Master of Science in Computer Science	
2017 – 2023	VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI Bachelors in Technology of Computer Science and Engineering	CGPA 8.3

WORK EXPERIENCE

02/2013 – 04/2015	PSIBORG TECHNOLOGIES, INDIA internship
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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

2022	AWS Certified Cloud Practitioner
2022	Software Management, NPTEL
2021	Best IoT Simulation Hack-a-Thon, VIT
2021	Game Design and Development

RECENT PROJECT WORKS

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

CO-CURRICULAR ACTIVITIES

- Volunteer at Studenterhus Aarhus
- Content creator, Game Development Club, VIT
- Photography
- Cricket, Inter School Tournament

LANGUAGE SKILLS

English	Full Professional Proficiency
Hindi	Full Professional Proficiency
Oriya	Native

TECHNICAL SKILLS

Programing Languages	Python, Java, C, CPP, C#, SQL (MySQL), JavaScript, HTML/CSS, PHP, Lua, R
Skills	Team worker, Quick learner, analytical thinking
Tools	Git, VS Code, Jupyter Notebooks, Unity, Excel, PowerPoint, Google Sheet, Visual Studio, Linux

HOBBIES

- Sports
- Photography
- Traveling