

# Naman Yadav

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As a continuous improvement and learning enthusiast, implementing new technologies is something I consider a passion. With an interest in how machines can be trained like humans and a desire to reduce human efforts, with an interest in quality interactions, teamwork, and customer problem-solving, my goal is to gain further employment within a renowned company to expand my skills.

## EDUCATION

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<b>MASTER OF ARTIFICIAL INTELLIGENCE</b> Monash University	<b>July 2022 - June 2024</b> Melbourne, Australia
<b>BACHELOR IN COMPUTER SCIENCE AND ENGINEERING</b> JECRC University	<b>2017-2021</b> Jaipur, India

## PROFESSIONAL EXPERIENCE

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<b>Assistant System Engineer</b> Tata Consultancy Services(TCS), India	<b>July 2021 - March 2022</b>
<ul style="list-style-type: none"><li>Coordinated with the team and analyzed the production environment of Astellas Pharma for issues through a series of daily system reports.</li><li>Created Statistical Data Report system to compare daily system backend jobs.</li><li>Organized meetings with clients to discuss new changes and updates and test for new changes using ALM software before pushing them into the live production environment.</li><li>Solved issues with the system using SAP Ariba and Service Now.</li><li>Trained and supervised new interns on the system with proper knowledge transfer.</li></ul>	

<b>Front End Developer (Internship)</b> Netparam Technologies Pvt. Ltd., India	<b>Jan 2021 - June 2021</b>
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- Adapted to new technology, MERN stack, and produced a few projects for the company mostly on Front-end development.
- Created completely responsive UI Designs and implemented back-end connectivity.
- Projects such as MP3bajao, fully functional music applications and Thekedar App, front-end design.

## TECHNOLOGY SKILLS

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- AI - Machine Learning, Deep Learning, and Natural Language Processing, Big Data
- Statistical Mathematics, Modelling Optimization, and Problem-Solving.
- Programming Languages - Python, Java, and SQL.
- Web Technologies - React, HTML, CSS, Javascript and Typescript.
- Tools - Weka, PowerBi, docker, and github.
- Data Cleaning and data Processing.

## **PROJECTS**

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### **Compost Hero: Climate Action Education for Children** Monash University

We developed an interactive educational platform to teach children aged 5 to 8 about composting, aligning with the 13th Sustainable Development Goal - Climate Action.

- Built an image classification model using deep learning and object detection to predict compostable and non-compostable items, providing appropriate composting processes based on the classification results, and enhancing the educational experience for children.
- Built a Compost Recipe Calculator, to create users' own personal compost layers.

### **Python Game Development Projects** Monash University

**August 2022 - June 2023**

- Developed a Dice Rolling Game where players roll multiple dice, aiming to match the median and mean of the results. The game features dynamic gameplay options, input validation, and history tracking.
- Created a Card Game where players compete against a computer, drawing cards from a shuffled deck. The game includes custom rules for determining victory based on card combinations and values.

## **CERTIFICATIONS**

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### **AI/ML for Geo Spatial Data** Indian Space Research Organisation (ISRO)

**August 2024**

- Fundamental concepts of Artificial Intelligence, Machine Learning, and Deep Learning.
- Advanced Deep Learning techniques like CNN, RNN, R-CNN, Faster R-CNN, SSD, and YOLO, real-world applications, and spaceborne Lidar systems.
- Leveraging Machine Learning through Google Earth Engine.

### **Introduction to Machine Learning** Kaggle

**August 2024**

## **VOLUNTARY EXPERIENCE**

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### **Zarurat Club, JECRC UNIVERSITY** Student Volunteer

**Dec 2022- March 2024**

- Taught the students in free time from University.
- Engaged with students in many social activities and encouraged them to learn new things

### **Voluntary help for Animal Shelter**

**2018-2021**

Throughout my journey, I've had the privilege of making a tangible difference in the lives of animals and birds in need. By dedicating my time and effort to voluntary work, I've been able to actively participate in their rescue and rehabilitation process.

## **HOBBIES**

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- Undertaking short courses learning new technologies related to Web Development and data analytics.
- Created GreenSpender, a web app for automating expense tracker using Chatgpt 4 for Hackathons.
- GreenSpender - <https://youtu.be/rAefWxXzEhA?si=RyZ2QcyRC4Yva8MK>
- Loves to sketch and play table tennis.