

# Naman Yadav

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## PERSONAL PROFILE

- Passionate about transforming data into actionable insights. Experienced in building real-time dashboards, optimizing business processes, and applying AI for data-driven solutions. Skilled in PostgreSQL, Metabase, Power BI, and machine learning, with a strong foundation in Python, SQL, and Big Data technologies.

## EXPERIENCE

**SELLCORD** | DATA ANALYST INTERN  
Nov 2024 – Present | Australia

- Developed a real-time business dashboard with Metabase and PostgreSQL, tracking key KPIs like revenue growth, customer retention, and operational efficiency.
- Designed customer metrics to monitor new and churned customers, improving retention rates by 20% and boosting revenue.
- Analyzed revenue trends and customer behavior, leading to a 30% improvement in operational efficiency and business growth.
- Integrated Google Sheets with Metabase using Airbyte, streamlining data flow and reducing manual table creation in PostgreSQL and Metabase by 50%.

**TATA CONSULTANCY SERVICES** | ASSISTANT SYSTEM ENGINEER  
Jul 2021 – Mar 2022 | India

- Optimized production environment by analyzing system reports, resolving issues, and ensuring operational continuity, reducing downtime by 10%.
- Developed a Power BI and Excel-based reporting system, improving backend job analysis and streamlining client updates via ALM.

**NETPARAM TECHNOLOGIES PVT. LTD.** | FRONT END INTERN  
Jan 2021 – Jun 2021 | India

- Developed core architecture for a few music and construction web apps using React, Redux Toolkit, React Router, and Styled Components, reducing manual design and state management by 30%.
- Designed fully responsive UI using MUI, Ant Design, and implemented backend connectivity to enhance functionality and user experience.

## PROJECTS

**COMPOST HERO** | AI AND DATA MEMBER  
Mar 2024 – May 2024 | Monash University, AU

- Developed an image classification model with TensorFlow, PyTorch, and YOLO, achieving 80% accuracy in predicting compostable items. Optimized data preprocessing and evaluated performance using precision, recall, and F1-score.
- Deployed the model via FastAPI for real-time integration, enhancing children's learning. Built a Compost Recipe Calculator with Python and React.js, improving user engagement by 40%.

## EDUCATION

**MONASH UNIVERSITY**  
MASTER OF ARTIFICIAL INTELLIGENCE  
Jul 2022 – Jun 2024 | Melbourne, AU

**JECRC UNIVERSITY**  
BACHELOR IN COMPUTER SCIENCE AND ENGINEERING  
2017 – 2021 | Jaipur, India

## SKILLS

### TECHNICAL SKILLS

Languages:

Python • Java • SQL • JavaScript

Web Backend:

Nodejs • Expressjs

Web Frontend:

Reactjs • Redux • HTML • CSS

Containerisation:

Docker

Data Science:

Data Wrangling • Data Cleaning •

Metabase • PowerBi • Excel

Artificial Intelligence:

Machine Learning • Deep Learning •

Statistical Mathematics • NLP •

Modelling Optimization

Databases:

Postgres • MongoDB • MySQL

ETL Tool:

Airbyte

Big Data:

PySpark • Kafka • Hadoop

Version Control:

Git • Github

### SOFT SKILLS

Collaboration & Teamwork • Attention to detail • Problem-solving abilities  
Effective Communication • Critical & analytical thinking

## CERTIFICATIONS

**AI/ML FOR GEO-SPATIAL DATA**  
INDIAN SPACE RESEARCH ORGANISATION (ISRO)  
Aug 2024

## LINKS

LinkedIn:// Naman Yadav