Abinash Sahu
Masters of Data Science

I'm a Masters of Data Science student ,with a fervor for exploring the realms of robotics and machine learning. My academic journey is complemented by a interest in creative pursuits and physical activity. Beyond the data, I am a culinary enthusiast ,a badminton aficionado and a keen photographer. Moreover I love channeling my skills into creating captivating projects using computer vision.

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EDUCATION

Masters of Data Science-Machine Learning
University of Sydney

02/2023 - Present   *WAM - Distinction*

Courses

- Machine and Deep Learning
- Data Science
- Statistics and Visual Analytics
- Data Engineering

Bachelors in Electronics and Robotics Engineering
KIIT University

04/2014 - 04/2018   *CGPA-8.48*

Courses

- Distinction in Thesis Project
- Robotics and Embedded Circuits
- Artificial Intelligence
- Internet of Things

WORK EXPERIENCE

Algorithm Engineer
Flomoney,Singapore

10/2020 - 12/2022

Achievements/Tasks

- Designed and prototyped a resource-efficient, self-sustaining smart aquaponics system
- Developed a real-time computer vision module to detect and track fish activity within the aquarium
- Developed a smart chatbot using concepts of LLM for lawyers which is called LawGPT.

Application Development Analyst
Accenture

04/2018 - 06/2020

Achievements/Tasks

- Technical proficiency extended to SAP-ABAP, where I worked extensively on reports, forms, enhancements, IDOC's, and BADI implementations.
- Played a pivotal role within the Data Science team, where my primary focus revolved around managing and analyzing data to construct data-driven business insights and impactful data models.
- Got acknowledge by my client and was nominated from my team for the Accenture Ace award.

SKILLS

Python	●●●●○
Data Engineering and SQL	●●●○○
Robotics & Machine Learning	●●●●●
Data Analytics	●●●●○
Deep Learning	●●●●○
Critical Thinking	●●●●○
Interpersonal Communication	●●●●●

PERSONAL PROJECTS

DocuMentor : Dynamic Document-Driven Tutoring Platform

- Implemented DocuMentor at University of Sydney: a round-the-clock, AI-driven tutoring platform designed to empower students with 24/7 access to personalized academic support across various document formats utilizing concepts of LLM and finetuning.

Market Notes :Streamlined Financial Briefings for ASX

- Deployed an innovative service harnessing Pegasus LLM to summarize Australian Stock Exchange company updates into concise summaries, delivered directly to subscribers through a user-friendly newsletter.

Emovisor:Facial Emotion Analysis Initiative

- Generated meaningful insights into human emotion through data analysis, resulting in a 78% accurate emotion recognition system using computer vision and ML concepts that outperforms industry benchmarks can be applied across various domains.

FuelFlow: Real-time Fuel Price Analytics Dashboard for NSW

- Designed and deployed an interactive dashboard that displays fuel price trends and fluctuations in real-time, providing users with valuable insights at a glance using various principles of data science.

ACHIEVEMENTS

Recipient of the International Student Scholarship
Merit-based scholarship for academic excellence and community involvement for Masters Studies

Stanford & Oracle certified Machine Learning and SQL
Secured a 96.57%(Award of Achievement) from the certification