

# Dhruv Naidu Alti

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## EDUCATION

**University of Wisconsin**  
M.S Data Science

Jan 2024 – Jan 2026  
Milwaukee

**Sathyabama University**  
B.E Computer Science Engineering, CGPA - 8.3

Aug 2019 – Aug 2023  
Chennai

## SKILLS

Python, C/C++, R, SQL, Linux, Power BI, Machine Learning, Docker, Networking, Data mining, Problem-solving

## AWARDS

### Smart India Hackathon 2020

Placed first in hardware hackathon were developed a product for the problem statement to develop a sensor to gauge the quantity and automatically inform the distributor for refill & have to more accurate predictive demand and supply.

## PROFESSIONAL EXPERIENCE

### HCL, Machine Learning Intern

Jan 2022 – May 2022  
Chennai

- Developed a Machine Learning application with data scientists, fostering accurate predictions.
- Executed the implementation of diverse machine learning algorithms, ensemble methods, and advanced techniques such as neural networks.
- Designed a user-friendly interface enabling seamless input of pertinent data.

### NOKIA, R&D Student Trainee

Jun 2022 – May 2023  
Bangalore

- Coordinated closely with the Mobile Networks department at Nokia, supporting the development and maintenance of mobile network systems.
- Researched and curated compelling content with Nokia's Mobile Networks department, contributing to the advancement and upkeep of mobile network systems.
- Spearheaded efforts in introducing a mediation xApp within the SEP platform, tasked with terminating the E2SM-RC stack and unveiling a suite of proprietary APIs for use case xApps to subscribe to E2SM RC Policy services via gRPC.
- Additionally, it played a pivotal role in optimizing code for Noma, enhancing UT coverage.

### Saraswati College Of Engineering, Lab Instructor

Oct 2023 – Nov 2023  
Navi Mumbai

- Taught Senior and Junior year students
- Information Retrieval System, ROS Lab and DEV OPS lab.
- Instructed classes on laboratory techniques and procedures.

## CERTIFICATES

CS50x (By Harvard) • Crash Course on Python (by Google) • Data Analytics and Visualization (by Cognibot)

Cyber Security & Ethical Hacking (By Adiroha Solutions)

## PROJECTS

### Bangalore House Price Prediction [🔗](#)

- Multiple machine learning algorithms were considered, including linear regression, decision trees, random forests, gradient boosting, and neural networks.
- These algorithms were implemented and trained using a carefully preprocessed dataset to predict house prices accurately with a Web UI.
- Can find house price based on no.of rooms, sqft etc.

### Big Data in 5G Mobile Cloud

- The project aims to leverage the capabilities of 5G networks and Big Data technologies to enhance the efficiency and user experience in mobile communication and cloud services.
- It involves collecting and analyzing large volumes of data generated by connected devices, mobile applications, and network infrastructure.

### Abalone Analysis using Power BI and Regression

- In the project, a comprehensive analysis of abalone data was conducted using Power BI and regression techniques.
- The main goal was to gain insights into the characteristics of abalone and predict their age (as indicated by the number of rings) based on various attributes and has been visualized with various graphs to understand better.

## PUBLICATIONS

Augmented Reality based Furniture Application [🔗](#)

May 2023

House Price Estimation Using Data Science and ML [🔗](#)

Nov 2022