

DEENA JOSEPH WILSON

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TECHNICAL SKILLS

Programming Languages: C, Python, C++, SQL, HTML, CSS, JavaScript

Coursework: DSA, OS, DBMS, Software Engineering, OOP, AI-ML

Skills and Tools: scikit-learn, pandas, Django, Flask, ASP.NET Framework, matplotlib, NumPy, NLTK, Spacy, SQL Server Management Studio, Visual Studio, Visual Studio Code, GitHub, Microsoft Office Tools

EDUCATION

Institute of Engineering & Management, Kolkata

2021 - 2025

B.Tech - Computer Science Engineering

CGPA - 9.50

WORK EXPERIENCE

Vocational Trainee

HINDALCO INDUSTRIES LTD

Oct 2023

- I was assigned an industry-level project under which my task was to contribute to building a web application that would interact with an SQL Server database.
- The tech stacks I used were C#, SQL, and ASP.NET framework. [Link](#)

Senior Subject Matter Expert, Mathematics

HIGGZ ACADEMIA TECHNOLOGY PVT LTD

Jan 2023 - Aug 2023

- I worked as a senior doubt solver in the field of Linear Algebra, Calculus and Statistics.

PROJECTS

- **Property Prophet** [GitHub](#)
 - The project aimed to evaluate different regression models using a Bengaluru real estate price dataset, focusing on features like BHK (number of bedrooms), total area, and locality.
 - A Gradient Boosting Regressor was implemented for the model training. The model achieved an accuracy of 72.26%.
 - The project included a frontend developed with HTML/CSS and JavaScript, and a backend using a Python Flask server.
- **InboxInsight**
 - The Naive Bayes classifier is efficient because it assumes that the words in an email are independent of each other given the email's spam status.
 - To build the vocabulary, I used Count Vectorization and incorporated Laplace Smoothing to handle any unseen words.
 - As a result of this modeling approach, the classifier achieved an impressive accuracy rate of 97.9%.
- **Machine Translation System**
 - Under the direction of my mentor, I'm working on a project that attempts to investigate neural machine translation techniques.
 - Ranging from the fundamental RNN model to more complex attention and transformer models.

EXTRACURRICULAR ACTIVITIES

- **AI-ML Core Member** in Google Developer Student Club - IEM'K - 2023 - 2024
- **Event Coordinator Co-Lead** in IEM Coding Club 2022 - 2023
- **Web-Dev Co-Lead** in Google Developer Student Club - IEM'K 2022 - 2023

CERTIFICATIONS

- LinkedIn Learning- Data Science Foundations: Fundamentals — 2023 [Link](#)
- Coursera - IBM Data Science — 2023 [Link](#)
- NPTEL - Python for Data Science — 2023 [Link](#)

ACHIEVEMENTS

- Maintaining to be among top 20% in the CSE department.
- Achieved Third position in Maths Olympiad among 150+ teams and build Path Tracker robot in Innovacion-Annual Tech Meet 2021
- Completed assigned learning paths and arcade games, completing hands-on labs, quests, and skill assessments in 30 Days of Google Cloud 2023
- Achieved the first milestone in Google Cloud Facilitator 2022.
- Listed among the District Topper(Robertsganj, UP) in Class 10th CBSE Board Examination, 2019