

# Abhinav

📍 257 Trelawney Estate, Paragon Road, London, E9 6NT, ☎ +44 07587766135,  
✉ [abhinav33303@gmail.com](mailto:abhinav33303@gmail.com), [in @abhinav3303](https://www.linkedin.com/in/abhinav3303), [@Abhinav33303](https://github.com/Abhinav33303), 🌐 [Portfolio website](#)

## EDUCATION

### University of Westminster

Master of Science in Data Science and Analytics

Westminster, London

Jan 2024 - Jan 2025

Awards: Westminster Employability Award -Gold.

Relevant Coursework: Business Analytics, Data Mining and Machine Learning, Data Visualization and Dashboarding, Business Optimization, Big Data Theory and Practice.

### University of Engineering & Management

Bachelor of Technology in Computer Science

Kolkata, W. Bengal

Jun 2018 - Jun 2022

Awards: Chancellor's Award for Tech-Maker 2021 and 2022.

R&D work: Research paper: Dual-Mode Enabled IoT-Based Smart Balcony Gardening in Urban Area [Link](#).

Relevant Coursework: Python programming language, Database Management System, Machine Learning, Software Engineering, Probability and Statistics.

## PROFESSIONAL EXPERIENCE

### Contractpodai , United Kingdom

#### Python Developer Intern

May 2024 - Aug 2024

- Fine-tuned a large language model (LLM) using BERT architecture to enhance performance and accuracy for specific tasks.
- Employed advanced optimization techniques to identify optimal hyperparameters, improving model efficiency and generalization.

### Cognizant Technology Solutions, India

#### Junior Data Scientist Consultant

Jul 2022 - Nov 2023

- Conducted in-depth analysis on datasets of over 10 million records for a European client, identifying trends and patterns to deliver actionable insights.
- Designed and deployed a machine learning model to predict financial data with 90% accuracy, enabling data-driven decision-making for the client.

#### Artificial Intelligence & Analytics Intern

Jan 2022 - Jul 2022

- Acquired proficiency in MSBI tools (SSIS, SSAS, SSRS, Power BI, Azure Data Factory), data warehousing, SQL (MySQL, SQL Server), ETL processes, and OLAP methodologies.

### Tata Steel, India

#### Machine Learning Intern

May 2020 - Jun 2020

- Gained hands-on experience in Industry 4.0 and Machine Learning. Developed projects using simple ML models, demonstrating proficiency in data analysis and model implementation.

## LEADERSHIP

Team Lead- AIA Internship, Cognizant Technology Solutions

Jan 2022 - Jul 2022

Student Innovation Head , University of Engineering and Management

Mar 2020 - May 2022

## SKILLS

Data Science Consulting, Microsoft Office, Python, SQL, Exploratory Data Analysis, Machine learning algorithms, Generative Ai, Azure, AWS, Pandas, TensorFlow, Huggingface, GitHub, Ollama, large language models.

## PROJECT WORK

### MSc. Dissertation: AI-Driven University Website Chatbot for Course Information Retrieval.

- Designed and developed an AI-powered chatbot using Large Language Models (LLMs) (Mistral-7B, Gemma-2-9B, Llama-3.2) and Retrieval-Augmented Generation (RAG) to enhance course information retrieval on university websites. Implemented web scraping to extract structured course data, fine-tuned models for accuracy, and integrated a vector database for efficient query-based response generation.

### Think AI: A Multi-Dimensional Problem-Solving Tool

- Developed using the Llama-3.2-70B model via Groq API, LangChain framework, and Streamlit, generates solutions across 25 dimensions to provide comprehensive, multi-perspective problem-solving insights. [Link](#).

### AI Therapist Chatbot based on Generative Ai

- Built an empathetic chatbot using OpenAI's GPT-3.5 to render emotionally intelligent mental health support, fostering a safe space for confidential self-expression, accessible anytime, anywhere. [Link](#).

## CERTIFICATES

- **AZ-900:** Microsoft Azure Fundamentals. [Link](#).
- **DP900:** Microsoft Azure Data fundamentals. [Link](#).
- **AI900:** Microsoft AI Fundamentals. [Link](#).