

# Abhinav (He/Him)

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## EDUCATION

### University of Westminster

Master of Science in Data Science

Westminster, London

Jan 2024 - Jan 2025

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.

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## 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

Jul 2022 - Nov 2023

- Conducted in-depth data analysis on several datasets of 10 million+ records to identify key trends and patterns.
- Designed and implemented a machine learning model to predict financial data with 90% accuracy.

### Artificial Intelligence & Analytics Intern

Jan 2022 - Jul 2023

- 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.
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## LEADERSHIP

Student Innovation Head, University of Engineering and Management

Mar 2020 - May 2022

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## SKILLS

Python, SQL, Exploratory Data Analysis, Machine learning algorithms, Microsoft Excel, Generative AI, Azure ML, AWS, Pandas, TensorFlow, Computer Vision

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## PROJECT WORK

### AI Therapist Chatbot based on Generative AI

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

### Clickstream Analysis and Click-Through Rate Prediction with Logistic Regression

- Created logistic regression model predicts user ad clicks (93% accuracy) on simulated data. Analyzes user behavior & demographics for targeted advertising campaigns. [Link](#).

### Exploratory Data Analysis on 911 Emergency Calls

- Conducting Exploratory Data Analysis (EDA) on 911 emergency calls to discern patterns and insights, enhancing response strategies for improved effectiveness. [Link](#).
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## CERTIFICATES

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