

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.

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 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

Student Innovation Head , University of Engineering and Management

Mar 2020 - May 2022

SKILLS

Microsoft Office, Canva, Python, SQL, Exploratory Data Analysis, Machine learning algorithms, Generative Ai, Chatgpt Azure, AWS, Pandas, TensorFlow, Computer Vision, GitHub

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](#).

CERTIFICATES

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