

# VIDIT AGARWAL

+91-8447282071    viditagarwal85@gmail.com    Vidit Agarwal    VIDIT0906

## EXPERIENCE

### Zee Media Corporation Limited

Apr 2023 – July 2025

AI & ML Intern — Technology R&D Department

Noida, U.P., India

- Automated news content extraction using Python and BeautifulSoup, **processing numerous articles per hour**.
- Designed a **QA automation workflow** using open and closed source LLMs integrated with MCP (Model Context Protocol) tools, enhancing testing efficiency and automating low-level tasks.

### Omdena Nigeria

Jul 2023 – Sep 2023

AI Intern

Remote

- Collaborated on global AI projects, contributing to over 20 workflow and design enhancements.
- Built and deployed a chatbot for the Omdena website, **increasing user engagement by 4x**.
- Led training sessions to improve chatbot NLP, **boosting engagement by 50%**.
- Enhanced website information delivery through chatbot integration.

## PROJECTS

### Mental Health Classification System | Python, Scikit-learn, Pandas, Matplotlib

Sep 2023 – Jun 2024

- Built ML models to assess mental health states based on 24 survey features.
- Achieved a **95% precision** in predicting support levels needed.

### AI Assistant | Python, NLTK, SpeechRecognition, Google APIs

Jul 2023 – Sep 2023

- Created a voice/text-enabled assistant for web search, app control, and note-taking using NLP.
- Integrated **NLTK, Speech Recognition, and Google Translate APIs** for enhanced functionality.
- Improved productivity by streamlining tasks, increasing efficiency by up to **200%**.

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, MySQL

**ML/AI Libraries:** Pandas, NumPy, Scikit-Learn, TensorFlow, Langchain

**Visualization:** Matplotlib, Seaborn, Power BI

**Specialized Tools:** RAG, Web Scraping, MCP (Configuration/Custom), Ollama, FastAPI

**Version Control:** Git, GitHub

**Development Tools:** Docker, Postman, Jupyter, VS Code

## CERTIFICATIONS

**Applied Machine Learning in Python:** University of Michigan, Coursera

**Google Cloud Computing Foundations:** Google Cloud

**Privacy and Security in Online Social Media:** NPTEL (National Programme on Technology Enhanced Learning)

**High Performance Coding (DSA using C++):** iamneo.ai

**Python (5 Star):** HackerRank

## EDUCATION

### Vellore Institute of Technology, Bhopal

2021 – 2025

B.Tech. in Computer Science and Engineering with Specialization in AI and ML

CGPA: 7.86

### Delhi Public School Ghaziabad, Vasundhara

2019 – 2021

Senior Secondary (CBSE)

Percentage: 88%

### Delhi Public School Ghaziabad, Vasundhara

2017 – 2019

Secondary (CBSE)

Percentage: 82%