

Deepanshu Bhadauria

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[GitHub](#) | [Porfolio](#)

SUMMARY

Python Software Developer with hands-on experience in AI/ML development, API integration, and cross-platform engineering.

Skilled in cloud-based deployments (Microsoft Azure) and working in remote, cross-functional teams to deliver production-ready solutions. Proficient in building AI-powered applications, financial tech APIs, and robust backend services for real-world use cases..

EDUCATION

GLA University

Bachelor of Technology, Computer Science Specialization in AI by IBM

• GPA: 85

Jul 2021 - Jun 2025

Mathura

Kendriya Vidyalaya No.2 School, Agra Cantt

High School

• GPA: 89

Mar 2020 - Jul 2021

Agra Cantt

WORKING/TRAINING EXPERIENCE

Distinct Infotech Solutions

Python Software Developer

Apr 2025 - Present

Kerela

- Enhanced system interoperability and user experience by successfully developing and integrating cross-platform APIs tailored for financial services and fintech solutions, facilitating seamless connectivity across diverse digital platforms.
- Worked on live production projects involving payment gateways, transaction monitoring, and backend automation, improving transaction efficiency and reliability
- Collaborated with remote teams including designers, QA engineers, and business analysts to ensure smooth project delivery, resulting in timely and successful project completions
- Enhanced team collaboration and project efficiency by actively participating in code reviews, sprint planning, and Agile workflows within a distributed environment.
- Deployed services with cloud integrations, leveraging Microsoft Azure for storage, compute, and API management, which enhanced scalability and performance

IIT BHU

Data Cleaning and Information Extraction Intern

May 2023 - Jul 2023

Varanasi

- Analyzed and processed large datasets using Javascript to improve data quality and consistency, resulting in more reliable data for decision-making
- Applied Regular Expressions for data extraction and pattern matching, enhancing the accuracy of information retrieval from datasets

PROJECTS

Summabrowse: AI-powered Content Summarizer | [Link](#)

GLA University

Jan 2025 - Apr 2025

Mathura

- Developed an AI-driven summarization tool that extracts key insights from videos, images, audio, and PDF files.
- Built a web application and Chrome extension to provide seamless access to summarization capabilities.
- Integrated OCR technology for extracting text from images and scanned PDFs. [GitHub Link](#)

Crawled URL Optimization System | [Link](#)

Self

Dec 2023 - Feb 2024

Mathrua

- Developed Regular Expressions to filter irrelevant URLs, enhancing content accuracy.
- Analyzed URL structures to optimize indexing for better search engine visibility.
- Created a structured documentation process for URL classification. [GitHub Link](#)

Sentiment Recognition | [Link](#)

Feb 2024 - Mar 2024

Self

Delhi

- Implemented text preprocessing techniques like tokenization, stemming, and TF-IDF.
- Developed a real-time sentiment prediction model for user-generated content..
- Optimized algorithm efficiency to enhance response time and accuracy. [GitHub Link](#)

Speech-to-Speech LLM Bot | [Link](#)

May 2024 - Jul 2024

Self

Mathura

- Developed a speech-to-speech bot using Large Language Models (LLMs) for intelligent voice interactions.
- Integrated Speech Recognition to capture and convert spoken input into text. [GitHub Link](#)
- Built an interactive GUI with Tkinter for user-friendly voice-based interaction. Ensured real-time response.

TECHNICAL SKILLS AND INTERESTS

- **Programming Languages:** Java (Core), Python, Mysql, Node.js, React.js, Kotlin, Flutter, Javascript, Full stack
- **AI/ML & NLP:** Scikit-learn, TensorFlow, Keras, Hugging Face Transformers
- **Techniques:** Tokenization, Stemming, Lemmatization, TF-IDF, Sentiment Analysis
- **Models & Architectures:** Large Language Models (LLMs), Transformer-based architectures, Fine-tuning pre-trained models
- **Tools & Platforms:** Git, GitHub, Visual Studio, Object-Oriented Programming MongoDB, Data Structures and Algorithms
- **Soft Skills:** Strong Analytical and problem-solving skills, Agile methodology, Strong analytical

PROFESSIONAL ACHIEVEMENTS/INSIGHTS

- **Meta Android Development Certification:** Certified by META 8 August 2023
- **Micro Experience Certificate:** Certified by Bluetick.ai 20 November 2023
- **Semi-Finalist:** Techgium Hackathon by L&T April 2024