DIPAK PAUDEL

Date of birth: 01/11/1992

Place of birth: Kapilvastu, Nepal

Nationality: Nepalese

Sex: Male

CONTACT

📍 Komlóssy út 86,
4032 Debrecen, Hungary
(Currect)

✉️ dipakpaudel303@gmail.com

📞 (+36) 701442624

in https://www.linkedin.com/in/dipakpaudel/

ABOUT MYSELF

I am currently pursuing an MSc in Data Science at the University of Debrecen, where strong foundations in machine learning, statistical analysis, and data engineering. W turning data into actionable insights, I'm seeking internship opportunities in da science, or data engineering.

I bring over a year of prior experience in software and web development, but I am advancing my career in data-centric roles. I'm continuously building my skills in F visualization, and cloud platforms. Ability to learn and use new technologies quickly.

EDUCATION AND TRAINING

09/09/2024 – CURRENT Debrecen, Hungary

DATA SCIENCE, MSC University of Debrecen, Hungary

Website https://www.edu.unideb.hu/

01/07/2014 – 31/05/2016 Punjab, India

Master of Computer Applications Chitkara University

Website https://www.chitkara.edu.in/

01/07/2011 – 31/05/2014 Kurukshetra, India

Bachelor of Computer Applications Kurukshetra University

Website https://kuk.ac.in/

PROJECTS

14/02/2025 – 15/05/2025

Dashboard for COVID-19 & Smoking Research Assistant
- Developed a chatbot using TinyLlama-1.1B and Gradio for querying COVID- literature.
- Used MiniLM embeddings and LlamaIndex for deep semantic retrieval from dataset.
- Enabled natural language Q&A and sentiment analysis over scientific texts

Link https://github.com/dipakphp/COVID-19-Smoking-Analysis

09/09/2024 – 31/12/2024

Air Quality Data Visualization Dashboard
- Built an interactive dashboard using Python, Bokeh, and GeoPandas to exp pollution trends.
- Visualized PM2.5, AQI data through maps, time-series, box plots, heatmaps
- Supported environmental health monitoring and policy research.

Link https://github.com/dipakphp/Air_Quality_Dashboard

SKILLS

LANGUAGES & TOOLS

Python | SQL | PHP | HTML/CSS

DATA TOOLS

Bokeh | Tableau | Pandas | NumPy | HuggingFace | LlamaIndex | Gradio

DATABASES

MySQL

OTHER TOOLS

Microsoft Excel | PowerPoint | Google Colab | GitHub

CERTIFICATIONS

06/2025 – 06/2025

Deloitte Australia – Data Analytics Job Simulation

* Completed a Deloitte job simulation involving data analysis and forensic technology

* Created a data dashboard using Tableau
* Used Excel to classify data and draw business conclusions

Link https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/9PBTqmSxAf6zZTseP/ io9DzWKe3PTsiS6GG_9PBTqmSxAf6zZTseP_Mr9WhvdFbKCp8iDy6_1749547812964_completion_certificate.pdf

06/2025 – 06/2025

Building your First RAG system using LlamaIndex– Analytics Vidhya

Link https://courses.analyticsvidhya.com/certificates/mq3ovu4n4h

06/2025 – 06/2025

Introduction to Data Visualization – Analytics Vidhya

Link https://courses.analyticsvidhya.com/certificates/bntbgdonbz

04/2025 – 04/2025

Building Transformer-Based NLP Apps – NVIDIA

Link https://learn.nvidia.com/certificates?id=-z5oQrSEQCiggRE8Gda_UQ

12/2024 – 12/2024

Applications of AI for Anomaly Detection – NVIDIA

Link https://learn.nvidia.com/certificates?id=cwSuCUeUQx-IpdH-aZHWWA

11/2024 – 11/2024

Accelerating Data Engineering Pipelines

Link https://learn.nvidia.com/certificates?id=SGe-O-76S1y9thcE_H06wg

11/2024 – 11/2024

Fundamentals of Accelerated Data Science

Link https://learn.nvidia.com/certificates?id=6n_jSZBUTxqLhJ8SkCRf2Q

11/2024 – 11/2024

Fundamentals of Deep Learning

Link https://learn.nvidia.com/certificates?id=DYYoilT5Qcy6RYTjucw0Lg

WORK EXPERIENCE

Directorate of Medical Education and Research Haryana, India

Junior Programmer
25/09/2017 – 22/08/2024
- Maintained and updated departmental websites and web portals.
- Provided technical support, including computer maintenance and virtual meeting setups.

Redblink Pvt. Ltd. Chandigarh, India

PHP Developer
07/12/2015 – 07/01/2017
- Developed and maintained personal, blog, and e-commerce websites using PHP and WordPress.