

DEEPAK KUMAR SAHU

Madhubani, Bihar

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Gmail

LinkedIn

GitHub

Hacker Rank

GeeksforGeeks

EDUCATION

Indian Institute of Information Technology, Guwahati

12 2020 – 06 2024

B.Tech - 6.29 - CSE

Guwahati, India

Mahatma Gandhi College, Darbhanga

2016 – 2018

BSEB - I.Sc - 69%

Darbhanga, India

Dayaram High School, Bheja

2014 – 2016

BSEB - Matric - 71.6%

Madhubani, India

COURSEWORK

- DSA
- Computer Network
- Cloud Computing
- Discrete Mathematics
- Operating System
- DBMS
- Machine Learning
- Software Engineering

PROJECTS

News Aggregator Website | NodeJs, React, API

2022

- Provides up-to-the-minute news updates to keep users informed of breaking stories as they happen.
- Users can personalize their news feed based on interests, topics, and sources.
- Available across devices, including mobile, tablet, and desktop, ensuring news is accessible anytime, anywhere.

E-commerce Website-IIITG | Django, Razorpay-API, MySQL

2023

- Spearheaded the development of front-end parts for E-commerce, using Django and Bootstrap to create dynamic and responsive UI that enhanced customer engagement and usability.
- Integrated third-party payment gateways (e.g. PayPal) to facilitate secure online transactions, implementing encryption protocols and PCI compliance measures to safeguard user financial data.
- Engineered backend APIs using Django and MongoDB to support critical functionalities such as product catalog management, user authentication, and order processing, ensuring robustness and scalability.

Air Quality Prediction -IIITG | Python, MongoDB, Beautiful Soup, ML Algo

2024

- Developed scalable data pipelines using Apache Spark and Kafka to handle large volumes of real-time environmental data from IoT sensors and satellite imagery, ensuring robustness and efficiency in data processing.
- Developed and integrated web scraping scripts in Python to gather real-time data from multiple sources, including email headers and content, enhancing the accuracy and scope of spam detection algorithms.

EXPERIENCE

NullClass EdTech Private Limited

08 2023 – 08 2024

Data Science Intern

Krishnagiri, Tamil Nadu

- Assisted in collecting, cleaning, and analyzing large datasets to derive insights and support data-driven decision-making.
- Developed and deployed predictive models using machine learning algorithms, resulting in improved accuracy and efficiency in email spam detection.
- Utilized data visualization tools such as Python libraries (Matplotlib, Seaborn) to create insightful dashboards and reports.
- Collaborated with cross-functional teams to understand business requirements and effectively communicate findings.

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, SQL, MongoDB

Developer Tools: VS Code, Jupyter Notebook, Canva, openAI

Technologies/Frameworks: Linux, Git, GitHub, Django, Bootscrap, Docker, Hadoop