

Mrigank Nalin

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EDUCATION

Kalinga Institute of Industrial Technology

2020 - 2024

Bachelor of Technology in Computer Science and Engineering

Bhubaneswar, Odisha

- Cumulative GPA: 8.86/10
- Coursework: DSA, OOP, Computer Organization and Architecture, DBMS, OS, Web Technology, Software Engineering, Computer Networks, AI, Data Analytics, IOT and Cloud Computing

EXPERIENCE

Full Stack Developer Intern

May 2023 - Jul 2023

HighRadius

Remote

- Engineered and deployed an AI-enabled FinTech B2B Invoice Management Application using Python, Java and ReactJS, streamlining invoice processes and elevating B2B operations.
- Orchestrated UI creation, managed grids, executed CRUD operations, and implemented predictive analytics to optimize invoice data management and enhance user experience.
- Integrated a machine learning model with a precision rate of 79.87% for predicting order amounts, significantly enhancing application functionality and user value.

Data Analytics Intern

May 2022 - Jul 2022

Lagozon EduTech Pvt. Ltd.

Remote

- Conducted a comprehensive data analytics project, scrutinizing sales data to derive actionable insights.
- Established a connection between MS SQL Server and Python, extracting and transforming sales data for analysis, resulting in a throughput increase of 23%.
- Leveraged Python's data analysis and visualization libraries to unveil patterns, trends, and anomalies in the data.

PROJECTS

MeetMate | Python, Django, MongoDB, Docker

- Developed MeetMate's Backend, a video call application with AI question answering, using Django, OpenAI, and Microsoft models.
- Managed MongoDB integration for efficient data storage and retrieval.
- Containerized application with Docker for simplified deployment.

LocalFetch.Hub() | Python, Flask, Folium, SQLite

- Engineered a robust Python-based backend using Flask, coupled with SQLite for efficient data storage in 'local shops.db,' facilitating seamless management of local shop data and item prices.
- Integrated the backend with HTML, CSS, and JavaScript, delivering a responsive user interface.
- Employed Folium for interactive mapping to visually showcase shops that have the matched item.

Trade Management API | Python, FastAPI

- Formulated a trade management API using the FastAPI framework.
- Implemented advanced querying and filtering options for trade records.
- Integrated pagination functionality for handling large datasets.

TECHNICAL SKILLS

Languages : Java, Python, C, C++, JavaScript, HTML, CSS, Bash

Libraries : NumPy, pandas, Matplotlib, seaborn, scikit-learn, Pydantic, Folium

Frameworks: React, Node.js, Django, Flask, FastAPI, Streamlit

Database : MongoDB, SQLite, MySQL, MS SQL Server, PL/SQL, Oracle

Tools : Git, Docker, AWS (Amazon Web Services), VS Code, Eclipse, Postman

CERTIFICATIONS

- Awarded the AWS Academy Graduate Certificate for successfully completing the Introduction To Cloud, Cloud Foundations, and Data Analytics
- Earned HackerRank certificates in React, SQL, Problem Solving, Python, and Java
- Acknowledged with a certificate for contributing (4+) PRs merged into projects during HacktoberFest.