Gourav Rout

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EDUCATION

SIKSHA 'O' ANUSANDHAN
BTECH IN COMPUTER SCIENCE
2025* | CGPA: 8.24/10

DAV PUBLIC SCHOOL CHANDRASEKHARPUR
CBSE | SENIOR SCHOOL CERTIFICATE (12TH) | SCIENCE (PCM)
2021 | 88.88%
CBSE | SECONDARY SCHOOL CERTIFICATE (10TH)
2019 | 92.60%

LINKS

Github:// **Gourav-Rout-10**
LinkedIn:// **Gourav Rout**
LeetCode:// **Gourav Rout**
CodeChef:// **Gourav Rout**

COURSEWORK

Data Science and Machine Learning
Programming and Data Structures
Computer Networking
Operating System
Front End Web Development

SKILLS

PROGRAMMING
Intermediate:
• Java • Excel • Python • C++
• SQL • DSA
Familiar:
• C • Numpy • Numpy • Pandas • HTML
• CSS • BootStrap • Jquery • Matplotlib •
NLTK • Streamlit • Seaborn

SOFT SKILLS
• Communication • Problem Solving •
Teamwork • Data Driven Decision making
• Adaptability

AREAS OF INTEREST
• Data Science • Machine Learning •
Deep Learning • Artificial Intelligence •
Web Development

PROJECTS

HAND DIGIT RECOGNITION | MACHINE LEARNING |
TechStack: Matplotlib, Sklearn, Pandas, Numpy, Python, Seaborn
• Developed a handwritten digitrecognition ML model that obtained an accuracy score of 97.33
• The ML model was trained using **Logistic Regression** linear model from the Scikit-learn library. Trained the model on the popular load digits dataset, achieving an impressive r2 score of 0.967.

E-COMMERECE DASHBOARD | DATA VISUALISATION |
TechStack: POWERBI
• Developed and implemented an interactive and insightful sales dashboard for Madhav Ecommerce using **Power BI**.
• Designed and crafted compelling pie charts and graphs to visually represent raw sales data, which will help deliver stakeholders with clear and impactful insights.
• Acquired proficiency in Power BI **DAX** (Data Analysis Expressions) for creating custom calculations and measures. This project allowed me to apply my data visualization skills using Power BI, enhancing my ability to communicate complex information in a clear and impactful way.

MOVIE RECOMMENDER SYSTEM | MACHINE LEARNING |
TechStack: Python, Scikit-learn, NLTK, Streamlit, Pandas, Pickle, CountVectorizor
• Developed an end-to-end movie recommending website using **Streamlit**, integrating an ML model into it. The website recommends similar movies from a collection of 4806 movies based on the movie selected by user.
• The ML model leverages textual data such as movie genre, overview, keywords, top 3 cast, and director to make recommendations. Employed **NLTK** for data pre-processing and utilized **CountVectorizor** from **Scikit-learn** to convert tags into vector format, before further computation and analysis.

EXPERIENCE

DATA SCIENCE INTERN | Codsoft | NOV 2023 – DEC 2023 | Certificate |
TechStack: Python, Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn
• Successfully completed a virtual internship at Codsoft, applying machine learning algorithms and data analytics tools to solve real-world problems with excellent accuracy with my models.
• Gained proficiency in data analysis tools like sklearn, matplotlib and few machine learning algorithms like linear regression, logistic regression, Decision Trees, Random Forest kNN .

WEB DEVELOPMENT INTERN
| OasisInfobyte | OCT 23–NOV 23 | Certificate |
TechStack: HTML, CSS, JQUERY, BOOTSTRAP
• Utilized HTML, CSS, and JavaScript to design and develop dynamic and visually appealing web pages. - Implemented best practices in user interface (UI) design and adhered to coding standards.
• Gained hands-on experience with modern front-end frameworks and libraries.