

Tanaya Tamanna Tripathy

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LinkedIn — GitHub

Education

Guru Ghasidas University, Master of Computer Application	2023–Present
• CGPA: 8.05/10.0	
Utkal University, Bachelor of Science - B.Sc, Maths (Honours)	Sept 2019 – July 2022
• CGPA: 8.5/10.0	
Intermediate, DAV Public School, C.B.S.E	July 2017 – March 2018
• Percentage: 81/100	
Matriculation, DAV Public School, C.B.S.E	April 2015 – March 2016
• CGPA: 8.6/10.0	

Certifications

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- **Data Science Tools:** Cognitive Class - IBM Developer Skills Network
 - **Machine Learning with Python:** Cognitive Class - IBM Developer Skills Network
 - **Python 101 for Data Science:** Cognitive Class - IBM Developer Skills Network

Skills

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- **Technical Skills:** MySQL, Java, Python, Spring Boot, React.js, HTML, CSS, JavaScript, Machine Learning (Regression, Classification, Clustering, Neural Networks, Ensemble Methods), Data Visualization (Matplotlib, Seaborn), Data Wrangling (Data Cleaning, ETL Processes)
 - **DevOps & Tools:** Postman, Git, GitHub, IntelliJ, VS code, Jupyter Notebook, Excel

Experience

Accenture – Frontend Development Intern October, 2024 - December, 2024
Worked on building and enhancing responsive web interfaces using HTML, CSS, and JavaScript. Collaborated with design and backend teams to deliver user-friendly features and improve UI performance.

Projects

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- 1. College Group Project : Stock Market Prediction Using Hybrid Models**
 - Analyzed hourly data from 24 stocks to predict market trends and visualized insights. Evaluated 70+ models and built a hybrid model, improving accuracy from 73% to 91%
 - 2. Library management System**
 - It allows users to seamlessly add, search, and delete books while maintaining an accurate inventory.
 - 3. Intelligent Budget Management System**
 - It tracks spending habits and predict future expenses using ML. Provided personalized saving tips, visualized data using Matplotlib-Seaborn, has JWT authentication for secure access and used Scikit-learn and TensorFlow to analyze past spending patterns and forecast future financial trends.
 - 4. AI-Driven Tax Optimization Tool**
 - This provides personalized deduction suggestions by analyzing financial data. This project automates tax deduction calculations, helping users maximize savings with minimal effort.
 - 5. Automated Job Portal**
 - Used Selenium to collect job postings and filter them based on user skills and preferences. The platform features a resume generator that creates job-specific resume.

Extracurricular Activities

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- Member, IOT Club at Guru Ghasidas Vishwavidyalaya