

Aditya Raj

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github.com/EthicalADI009 / linkedin.com/in/aditya-009-raj

Skills

Languages: C/C++, Python, Java, MySQL

Technologies & Tools: Matplotlib, Tableau, MongoDB, Wordpress

Education

Symbiosis Institute Of Technology, Pune

B.Tech in Computer Science and Engineering

Aug 2022 - Jun 2026

CGPA:6.4/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Design and Analysis of Algorithms, Theory of Computation.

HELLEN SCHOOL (Sitamarhi, Bihar)

2020 - 2022

Higher Secondary Education (CBSE)

75.4%

SARVODAYA SR. SEC. SCHOOL (Kota, Rajasthan)

2019 - 2020

Secondary Education (CBSE)

85.4%

Project Work

JOB SIMULATION

JPMorgan Chase Investment Banking on Forage - September 2024

- Identified an ideal M&A target for a client based on an assessment of their strategic and financial criteria.
- Constructed a DCF model to calculate the valuation of the M&A target and adjusted the model to account for a competitor bid and supply chain interruption.

Data Visualisation: Empowering Business with Effective Insights On Forage (*Tata*) - August 2024

- Completed a simulation involving creating data visualizations for Tata Consultancy Services.

An Integrated Student Management System:

https://github.com/EthicalADI009/Campus_Nexus

- Developed with Java, NetBeans IDE, and MySQL database integration using JDBC, the system provides comprehensive management of student and faculty records, fee handling, and more.
- Additionally, the project leverages Amazon Web Services (AWS) for scalable cloud infrastructure, enhancing data storage, backup, and application deployment capabilities.

Smart Parking Simulation:

<https://github.com/EthicalADI009/smart-parking-simulation>

- Developed a smart parking simulation to efficiently manage parking spaces.

Certifications

Career Essentials in Software Development : *Microsoft and LinkedIn*

- Discover the skills needed for a career in software development.
- Develop an understanding of programming core concepts.

Machine Learning, Data Science and Generative AI with Python : *Udemy*

- Build generative AI systems with OpenAI, RAG, and LLM Agents.
- Build artificial neural networks with Tensorflow and Keras.

- Implement machine learning at massive scale with Apache Spark's MLlib.

Python Basics for Data Science : *IBM*

- Develop fundamental Python skills for Data Science and Software Development.
- Work with commonly used Python libraries such as Pandas and Numpy.

AI for Everyone: Master the Basics : *IBM*

- Learned what Artificial Intelligence (AI) is by understanding its applications and key concepts including machine learning, deep learning and neural networks.