

Himanshu Kumar Rout

himanshuku.rout@gmail.com | +91 8260861785 | Cuttack | [GitHub](#) | [LinkedIn](#)

SUMMARY

Aspiring Python Backend Developer with a strong foundation in building scalable applications and RESTful APIs. Proficient in Python, Data Structures, and Object-Oriented Programming, with hands-on experience in MySQL and MongoDB. Currently pursuing an engineering degree while solving real-world problems through coding projects. Passionate about backend development, system design, and continuous learning, with growing knowledge in cybersecurity to build secure and efficient software solutions

SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, Numpy, Django, Nodejs, REST APIs, Flash

Web Technologies: HTML

Databases: MySQL, MongoDB, SQL

Tools: Github, Git, Deployment Tool(like vercel, Render, PythonAnywhere, etc)

AI: ChatGPT, Gemini, Claude, Meta AI, DeepSeek

CERTIFICATIONS

Python Certification – University Of Michigan

Completed: March 2026

PROJECTS

[LIBRARY-MANAGEMENT-SYSTEM](#) ↗

Nov 2025 - Dec 2025

- Built a Library Management System using Python, Tkinter, and MySQL.
- Developed features to add, update, delete, and view library records.
- Stored and managed book and member data using MySQL database.
- Implemented book issue, due date, and fine calculation system.
- Designed a user-friendly GUI for easy library operations.

[STUDENT-RESULT-MANAGEMENT-SYSTEM](#) ↗

Jan 2026

- Built a Student Result Management System using Python and Tkinter.
- Created login and registration system for secure access.
- Used MySQL to store student, course, and result data.
- Added features to manage students, courses, and marks.
- Designed a simple and user-friendly interface.

[PASSWORD-CHECKER](#) ↗

Mar 2026

- Built a Password Strength Checker using Python (CLI-based tool).
- Implemented logic to score passwords and classify strength levels.
- Added secure password input without displaying on screen.
- Provided feedback to improve password security.
- Designed a lightweight tool with no external dependencies.

EDUCATION

B.Tech, Computer Science Engineering

Ajay Binay Institute of Technology, Cuttack

CGPA: 8.6 /10

2024 - 2028

LANGUAGES

- ENGLISH
- HINDI
- ODIA