

AYUSH JHA

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SUMMARY

Software-focused B.Tech CSE student with strengths in Python, JavaScript, React, backend development, MySQL, machine learning fundamentals, and structured project execution. Skilled at building full-stack applications, deploying ML models, and designing clean system architectures. Seeking software engineering or AI internships.

SKILLS

Languages: Python, JavaScript, Java

Frontend: HTML, CSS, React

Backend: Node.js (beginner), Java + MySQL, REST APIs

Databases: MySQL

AI/ML: NumPy, Pandas, Matplotlib, Scikit-Learn

Tools: Git, GitHub, VS Code, Postman

Core CS: DSA, OS basics, CN basics, DBMS concepts

Other: Automation scripting in Python, project planning

PROJECTS

Full-Stack Project: Student Workflow Manager

- React frontend with reusable components and authentication.
- Backend using Express with JWT-based login and MySQL relational schema.
- Features: task creation, event reminders, status tracking, user roles.
- Deployment: Vercel (frontend), Render/Railway (backend).

AI Project: Student Performance Predictor

- Implemented preprocessing, feature engineering, and ML modeling.
- Tools: Pandas, NumPy, Scikit-Learn.
- Visualized results with Matplotlib; achieved strong model accuracy.
- Deployed using Streamlit with clean UI.

LLM Project: PDF Q&A; Assistant (Mini RAG)

- Built text extraction + embedding pipeline.
- Query answering using retrieval-based approach.
- Implemented modular architecture for future expansion.

Automation Toolkit (Python)

- Scripts for file cleanup, batch renaming, clipboard utilities.
- Integrated small ML components into automation flow.

EDUCATION

B.Tech in Computer Science and Engineering

XIM University, Bhubaneswar

2024–2028

RELEVANT COURSEWORK

Data Structures • DBMS • OS • Computer Networks • Web Technology • Discrete Mathematics • OOP • Python Programming

ACHIEVEMENTS

- Built multiple deployed software projects by second year.
- Strong academic grounding in core CS subjects.