Yash Bhardwaj

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Professional Summary

Computer Engineering student with skills in JavaScript, web development, and databases including SQL and PostgreSQL. Proven ability to build full-stack applications integrating front-end and back-end for scalable web solutions. Seeking a web development internship to collaborate on website features, optimize applications, and contribute to database maintenance.

Education

cooked college of information technology   **—Expected Graduation: Aug 2027**

Bachelor of Computer Engineering — Minor Artificial Intelligence   *Bhubaneswar, India*

- GPA: 7.86/10
- Courses: Data Structures and Algorithms, Object Oriented Programming, DBMS, Computer Architecture, Linear Algebra

Projects

DriftRadar | *Source Code*   **ReactJS | Docker | FastAPI | PostgreSQL**

- Developed a full-stack web application for real-time data monitoring, integrating front-end and back-end components.
- Built a FastAPI REST backend with database integration using PostgreSQL and a React.js frontend for visualization.
- Containerized the application with Docker for scalable deployment, enabling troubleshooting and optimization for speed.

Animal Disease Detection Model | *Source Code*   **Python | Scikit-learn | Pandas | Streamlit**

- Implemented a Python-based web application using Streamlit for user-friendly clinical data interfaces.
- Applied data preprocessing and feature engineering with Pandas and Scikit-learn, integrating with database concepts for efficient storage.
- Deployed the application to support data queries and interactions, focusing on maintainable code and troubleshooting.

FAQ Bot for Discord | *Source Code*   **Python | Scikit-learn | Discord.py**

- Designed a backend service in Python with NLTK for query handling and automated responses.
- Integrated models for intent classification, supporting real-time data processing and API interactions.
- Developed automated systems with debugging practices to ensure reliable performance and scalability.

Leadership & Extracurriculars

Film and Theater Society, IIIT Bhubaneswar   **Aug 2023 – May 2025**

- Edited and produced 15+ event promotion videos, boosting engagement by 30%.
- Led a 4-member media team for the annual fest, managing live coverage and media production.

Advaita Techno-Cultural Fest, IIIT Bhubaneswar   **Core Team**

- Coordinated logistics for 10+ events, ensuring smooth execution.
- Organized Inter-College Robo Soccer Competition with 100+ participants.

Technical Skills

Programming & Databases	Python, SQL, JavaScript, PostgreSQL, C++, R (basic)
Web Development	React.js, FastAPI, REST API, Streamlit, Discord.py
Data Science & Analytics	Pandas, NumPy, Scikit-learn, Exploratory Data Analysis (EDA), Data Visualization (Matplotlib, Seaborn)
Deployment & Tools	Docker, Git, GitHub, Jupyter, VS Code, NLTK