

YASH BHARDWAJ

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Professional Summary

Computer Engineering student with proven skills in full-stack web development, including React.js, JavaScript, and backend technologies like FastAPI. Experienced in building interactive applications, dashboards, and user-friendly interfaces for data visualization and real-time interactions. Seeking a full-stack internship to contribute to engaging online content and educational tools while developing skills in interactive web technologies.

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 Structure and Algorithms, Object Oriented Programming, DBMS, Computer Architecture, Linear Algebra

Projects

DriftRadar | [Source Code](#)

ReactJS | Docker | FastAPI | PostgreSQL

- Developed a full-stack MLOps platform to detect and monitor data/model drift in real time, creating an interactive dashboard for user engagement.
- Built a FastAPI REST backend with database integration using PostgreSQL and a React.js frontend for visualization and interactive features.
- Containerized the application with Docker for scalable deployment, enabling troubleshooting and alignment with CI/CD best practices.

Animal Disease Detection Model | [Source Code](#)

Python | Scikit-learn | Pandas | Streamlit

- Implemented a Python-based web application using Streamlit for user-friendly interfaces to display interpretable predictions.
- Applied data preprocessing and feature engineering with Pandas and Scikit-learn, integrating with models for efficient analysis.
- Deployed the application to support interactive queries and visualizations, focusing on maintainable code and documentation.

FAQ Bot for Discord | [Source Code](#)

Python | Scikit-learn | Discord.py | NLTK

- Designed a backend service in Python with NLTK for natural language processing and real-time query handling in interactive environments.
- Trained models using Scikit-learn for intent classification, integrating with Discord.py for real-time data processing.
- Developed automated response systems with debugging and code review practices to ensure reliable performance in user interactions.

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, C++, JavaScript, PostgreSQL

Web Development React.js, JavaScript, Streamlit, FastAPI, REST API

Data Science & Analytics Pandas, NumPy, Scikit-learn, Exploratory Data Analysis (EDA), Data Visualization (Matplotlib, Seaborn)

Deployment & Tools Docker, Git, GitHub, Jupyter, VS Code