

ANANYA BHARATI

Computer Science Engineering
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[GitHub](#) [LinkedIn](#)

About

I am a third-year B.Tech student specializing in Computer Science, passionate about software development and emerging technologies. I have a keen interest in AI, cloud computing, and data science. With a strong foundation in programming and problem-solving, I actively seek opportunities to innovate, collaborate, and build impactful solutions.

Skills

- Technical: **HTML, CSS, JavaScript (React.js), Java (JDBC, Swing), C, DBMS**
- Libraries and Frameworks: Pandas, NumPy, scikit-learn, Matplotlib, seaborn, OpenCV
- Tools & Technologies: **AutoCAD, Figma**, Jupyter Notebooks, VS Code, Git, Docker, AWS

Projects

Chat Bot [Link](#)

Junet 2024 – July 2024

- **Description:** Built an interactive chatbot using React.js, which integrates with the Gemini API for content generation and the Pixels API for retrieving relevant images. The chatbot responds to user queries with both text and images, providing a dynamic and engaging experience.
- **Tools & Technologies:** Frontend: **React.js**, APIs: **Gemini API, Pixels API**

News Research Tool [Link](#)

Oct 2024 – Nov 2024

- **Use:** Aids equity research analysts in efficiently gathering, summarizing, and analysing news for market insights.
- **Tools:** **LangChain:** Manages **NLP** workflows **OpenAI API:** Generates insights and summaries

Potato Disease Detection [Link](#)

Sep 2024 – Dec 2024

- **Use:** This project helps farmers identify diseases in potato plants, reducing crop waste and economic loss. The mobile app lets farmers capture a plant image, which the model then analyses to detect potential diseases.
- **Tools:** **TensorFlow, CNN**, data augmentation, **TF dataset, React.js, React Native, Google Cloud Platform**

Mood-Based Music Player

Feb 2025 – Ongoing

- **Use:** This project uses face detection to identify the user's mood (e.g., happy, sad, chill) and recommends music accordingly, creating a personalized listening experience.
- **Tools:** **React Native OpenCV TensorFlow** for mood classification

Education

Examination	Institute	CGP/%	Year
Graduation (3 rd Year)	KIIT University, Bhubaneshwar	8.57	----
Intermediate/+2	Notre Dame Academy, Patna Bihar	82.4%	2021
Matriculation	St. Joseph's Convent High School, Patna Bihar	90.0%	2019

Fields of Interest

Software Development, Cloud Computing, Artificial Intelligence, Machine Learning, Data Science, Robotics, Big Data, IoT, DevOps.

Language

Hindi, English

Extracurricular Activities

Member, Youth Red Cross KIIT

- Participated in various humanitarian activities and assisted in community welfare programs. Demonstrated leadership and teamwork skills through collaboration with diverse groups on campus.

Member, CyberVault Society