

Annu Priya

B.Tech.  
Computer Science Engineering (IOT)  
GEC Vaishali

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Academic Details

Year	Degree	Institute	Percentage/CGPA
2022-26	B.Tech.	Government Engineering College Vaishali	8.22
2021	12 <sup>th</sup> Board	Anugrah Narayan College Patna	72.00
2019	10 <sup>th</sup> Board	Himalyan Internation School Patna	79.00

Objective

To secure a challenging role at BodhAi Technologies as a Python AI/ML Engineer where I can apply my knowledge of Artificial Intelligence, Machine Learning, and Python-based development. I aim to contribute to real-world projects, enhance model performance, and support data-driven solutions while continuously improving my technical skills through hands-on learning and collaboration with senior engineers.

Major Projects :

- 1. Restaurant Segmentation Analysis using Python, ML & AI**
  - Performed customer and restaurant data preprocessing in Python to identify meaningful behavioral patterns.
  - Applied ML clustering algorithms (K-Means/Hierarchical) to segment restaurants based on sales, ratings, and customer preferences.
  - Generated actionable insights using visualization and model evaluation to support data-driven decision-making.
- 2. Email Spam Detection Using NLP.**
  - Implemented a Python-based ML model using NLP preprocessing (tokenization, stopwords removal) for spam-ham classification.
  - Used TF-IDF vectorization and Naïve Bayes classifier to achieve high accuracy on email datasets.
  - Evaluated model performance using confusion matrix, precision, recall, and F1-score.
- 3. BSPHCL (Bihar State Power Holding Company Limited) – Website Feature Enhancement**
  - Developed and integrated new interactive UI features using HTML, CSS, and JavaScript to improve functionality and user experience.
  - Ensured responsive design and optimized front-end performance across devices.
  - Worked on real-time updates and validation-based improvements for smoother user interaction.
- 4. Real-Time Quiz Application (Web Development Project)**
  - Built a real-time quiz platform where users can create, share, and participate in quizzes.
  - Implemented **live score tracking, timers, and leaderboard updates** for an interactive user experience.
  - Developed using **HTML, CSS, JavaScript** (or add React/Node.js if used), ensuring responsive UI and smooth performance.

## Other Projects

1. **Smart Home Automation System** – Built an IoT-enabled home automation system for energy efficiency and remote control.

## Certification Courses

1. [Basics of Python — Infosys Springboard \(2025\)](#)
2. [Natural Language Processing for developers](#) - INFOSYS
3. Data Analysis With Python - INFOSYS
4. Machine Learning & Artificial Intelligence Workshop by IBM
  - Cognizance 2023 – IIT Roorkee Participated in a technical workshop focused on ML and AI concepts delivered by IBM experts
5. **CyberShikshaa Fundamentals**  
Microsoft & DSCI (in collaboration with NIELIT — National Institute of Electronics and Information Technology), Completed  
Completed foundational cybersecurity awareness training under the CyberShikshaa initiative.

## Internship

1. **AI Intern – Edunet Foundation (AICTE) (in collaboration with AICTE)**  
**Aug 2023 – Oct 2023**
  - Completed a 6-week internship focused on **Artificial Intelligence** using IBM SkillsBuild.
  - Worked on AI concepts including supervised & unsupervised ML, model building, and evaluation.
  - Gained hands-on experience in Python-based AI workflows and real-world problem solving.
2. **Data Science & Machine Learning Intern – DDoS Solutions (AICTE Approved)**  
**Jul 2023 – Aug 2023**
  - Completed an 8-week internship in **Data Science and Machine Learning**.
  - Performed data preprocessing, visualization, and ML model development using Python.
  - Implemented algorithms like regression and classification; evaluated models using accuracy and performance metrics.

## Computer Skills

- **Programming Languages:** Python, C, C++ (Intermediate level) ,
- **Machine Learning & AI:** TensorFlow, OpenCV
- **Web Development:** Salesforce, HTML, CSS, JavaScript,
- **Simulation & Design Tools:** MATLAB, Simulink, AutoCAD
- **Software:** MS Office Suite, Git/GitHub, Visual Studio
- **Operating Systems:** Windows, Linux, macOS

## Achievements

- Secured **99.55 Percentile** in **Naukri Campus Young Turks 2025, in Coding Data Science and AI** recognized among top performers in India's largest skill contest. (Sep 2025) | **All India Rank - 219**
- Shortlisted Among 5000 students in **Nation SkillUp**, an exclusive offline workshop at the **Geeks for Geeks** Classroom Center for technical skill development.

## Extra Curricular Activities

1. **Founder, Annual Cultural Fest "Extravaganza"** – Initiated and organized the college's annual cultural festival, overseeing event coordination and management.
2. **State-Level Mithila Painting** – Presented Mithila painting at the state level events to dignitaries, showcasing cultural art and creativity.
3. **Anchor, Various Events** – Hosted and anchored a variety of college and cultural events, demonstrating strong communication and presentation skills.
4. **Member, Robotics Club** – Actively participated in robotics design, programming, and competitions, including GUJCOAST and IIT KGP.

## Position Of Responsibility

1. **Founder & Organizer, Annual Cultural Fest "Extravaganza"** – Conceived and managed the college's flagship cultural event, coordinating with multiple teams to ensure its success.
2. **Secretary, Arts & Craft Club** – Led creative initiatives, organized workshops, and managed club activities to promote artistic expression among students.
3. **TPO (Training & Placement Office) Coordinator** – Acted as a liaison between students and recruiters, assisting in organizing placement drives and training sessions.
4. **Coordinator, Robotics Club** – Directed club activities, managed participation in robotics competitions, and guided project development.
5. **Event Organizer, College Events** – Played a key role in planning and executing various technical and cultural events, ensuring seamless operations.

## References