

ANUSHKA

Delhi, India

☎ 8448914430

✉ guptaanushka024@gmail.com

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EDUCATION

Banasthali Vidyapith University, Rajasthan

Bachelor of Technology in Computer Science with specialization in Artificial Intelligence

Jun 2022 - May 2026

CGPA: **8.58**

D.A.V.P.S Sreshtha Vihar, Delhi

Senior Secondary (CBSE)

Jun 2006 - May 2021

Percentage: **84.6%**

TECHNICAL SKILLS

Programming Languages: C, Java, Python

Web Development: HTML, CSS, JavaScript, Bootstrap, MERN Stack, Firebase

Libraries: NumPy, Pandas, TensorFlow, Keras, Scikit-learn, Matplotlib

Softwares/Tools: Git, GitHub, MATLAB, Flutter, Dart, Visual Studio Code, Android Studio, Figma, SQL, Canva

Databases: MongoDB, Oracle

EXPERIENCE

• IIT Patna

Research Intern

Remote

Oct 2024 - Present

- Collaborate with a research team under **Dr. Sriparna Saha** to advance **NLP-focused research paper**.
- Annotated and optimized a dataset of 50,000 text entries while gaining expertise in prompt engineering.
- Conducted sentiment and emotional analysis on 100,000 textual data points, **achieving 97% accuracy**, surpassing previous models by 5%.

• iVolunteer

UI Designer and Website Developer

Remote

Oct 2023 - Feb 2024

- Developed a user-friendly website for NGOs, receiving commendations for enhancing **accessibility** and **engagement**.
- Produced impactful **visual content** and **graphics** that increased event participation and **donor outreach**.

• TreeandHumanKnot

HR and Tech Intern

Remote

May 2022 - Oct 2023

- Spearheaded recruitment processes with IITs and IIMs to **enhance hiring initiatives**.
- Engineered an **Android app front-end** that enhanced user satisfaction and received **positive feedback** for its intuitive design.
- Cultivated professional relationships and managed **web scraping tasks** for data extraction.

PROJECTS

• PrisonerReboot - Prisoners Empowerment through Education and Skill-Building

Github

AI-ML | Research

- Currently developing an AI-driven system for inmate empowerment, utilizing **facial recognition** for secure and efficient database management.
- Integrating **machine learning models** to provide educational and skill-building programs tailored to inmates' needs which is expected to reduce recidivism rate by more than 57%.
- Building a content **recommendation system** for **personalized learning** to enhance learning outcomes and skill acquisition for inmates.

• Dall-E 2.0

Github

MERN Stack, Tailwind, MongoDB, OpenAI

- Architected a MERN stack application that leverages the OpenAI DALL-E 2.0 API to generate AI-powered images based on user input.
- Designed a fully responsive and visually appealing interface using Vite, Tailwind CSS, and integrated Cloudinary for seamless image storage and management.

• Ticket App

Github

Flutter

- Constructed a cross-platform ticketing app using **Flutter** and **Dart**, focusing on advanced UI and **seamless user experience**.
- Implemented efficient state management frameworks using **GetX**, **BLoC**, and **Riverpod** while designing **interactive UIs** for search, ticket details, and profiles leading to improved user satisfaction.

KEY COURSES TAKEN

CSE & Maths: Data Structures and Algorithms, Image Processing and Computer Vision, Artificial Intelligence and Machine Learning, Operating Systems, Computer Architecture and Organisation, Object Oriented Programming, Database Management System, Data Communication Network, Probability and Statistical Methods

LEADERSHIP/EXTRACURRICULAR

- 2024: **Campus Leader**, Code for GovTech (C4GT)
- 2024: Mentee in **Amazon Machine Learning (ML) Summer School**
- 2024: Member, **Women Techmakers Club** by Google
- 2024: Participated in Youth Parliament
- 2020: Served as **Sports Team Captain** for D.A.V. Public School Handball Team

KEY CERTIFICATIONS

- 2024: **Amazon Machine Learning Summer School**