Ashay Gupta

portfolio-website-ashay.vercel.app | ashay051204@gmail.com | +91 8840356284 | GitHub | LinkedIn

ABOUT ME

Full Stack Developer and Competitive Programmer with strong Machine Learning fundamentals. Passionate about building scalable web applications and solving complex algorithmic challenges. Founder of Binary Beats, recognized for creating secure, production-ready systems and contributing to open-source projects.

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY VADODARA

B.Tech in Computer Science & Engineering
Aug 2024 – Present | Vadodara, India

- Current CPI: 8.17 / 10
- Relevant Coursework: Data Structures, Algorithms, OOPS, Linear Algebra

ST. ALOYSIUS SENIOR SECONDARY SCHOOL

CBSE Board Examination
2011 – 2023 | Unnao, India

- Class 12: 88%
- Class 10: 95.2%

EXPERIENCE

BINARY BEATS | Founder & Technical Lead

June 2025 – Present | IIIT Vadodara

- Founded and lead a 3+ member full-stack innovation team
- Led 2 production-level projects including institute portals and analytics dashboards
- Conduct weekly code reviews and technical architecture discussions

PROJECTS

GITVIZ – INTERACTIVE GITHUB EXPLORER GitHub | Live Demo

| React, Node.js, Firebase, D3.js

- Built a visual tool rendering GitHub repositories as interactive node graphs
- Designed zoomable UI with React Flow and custom D3.js visualizations

PERSONAL PORTFOLIO WEBSITE GitHub | Live Demo

| React, Three.js, GSAP, Firebase

- Developed a Demon Slayer–inspired 3D animated portfolio with Three.js and GSAP
- Fully responsive with working contact form and email notifications
- Secured backend using validation, rate limiting, and analytics tracking

TECHNICAL SKILLS

LANGUAGES
C++ • Python • JavaScript/TypeScript
Java • HTML5/CSS3

FRAMEWORKS
React • Next.js • Express.js
TensorFlow • Tailwind CSS

LIBRARIES
Numpy • Pandas • Matplotlib • Seaborn

DATABASES & TOOLS
MongoDB • Firebase • Supabase
Git • Vercel • Postman

ACHIEVEMENTS

CODING
3★ CodeChef (Max Rating: 1621)
Pupil @ Codeforces (Max Rating: 1222)
200+ LeetCode Problems Solved
Winner: Init Mains, Init Advance, Code-Strike (IIITV)
Runner-up: Cook-A-Code (IIITV)

HACKATHONS
Top 500 of 250K+ – Adobe India Hackathon 2025
Top 3 – HACKIIITV 2025

CERTIFICATIONS

- **Supervised Machine Learning** – DeepLearning.AI (July 2025)
- **Advanced Learning Algorithms** – DeepLearning.AI (July 2025)
- **Pandas** – Kaggle (June 2025)
- **Intro to ML** – Kaggle (June 2025)
- **Data Science Ultimate Course** – CodeWithHarry (July 2025)

LEADERSHIP

Founder – Binary Beats Tech Team
Core Member – IIITV Coding Club
Finance Club Trainee
Volunteer – Prudentia 2024