ANUSHKA SONI

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Anushka Soni LinkedIn |Anushka Soni (github.com)

EDUCATION

- **VIT Bhopal University**   (2022 – 2027)
  Int M. Tech CSE (Computational and Data Science) | CGPA: 8.58
- **Holy Angles School**   (June 2021)
  Higher Secondary | Percentage: 87.6%

SKILLS

- **Languages:** Java, Python, SQL.
- **Tools:** Git, GitHub, Canva, Figma, MS Excel, Power Bi.
- **Core Competencies:** Data Structures Algorithms, Operating Systems, Machine Learning, Computer Vision, Web Scrapping.

EXPERIENCE

Sabudh Foundation   (Dec, 2024 – June, 2025)
Artificial Intelligence and Data Science

- Created and deployed ML and DL models using Python, Scikit-Learn, and Random Forest, improving classification accuracy by 25% through optimized feature engineering, hyperparameter tuning, and cross-validation, with foundational knowledge in NLP and computer vision.

Data Analytics Intern – IITI DRISHTI CPS Foundation (IIT Indore)   (Nov, 2025 – Dec, 2025)

- Spearheaded the audit of a machine scheduling algorithm preventing a 57% strategic cost hike, and engineered a predictive heart disease simulation engine analyzing 400k+ clinical records using Power BI.

PROJECTS

SOS For Emergency Using DL

- Engineered a real-time SOS application to accelerate emergency response, connecting users with responders in under 3 minutes. The system features live tracking and secure, AES-encrypted image transfer, cutting dispatch delays by up to 60%.   (April 2025)
- Designed and developed intuitive UIs for the website and mobile application, improving user engagement by 40% and enabling seamless access to emergency services.
- Developed deep learning models using TensorFlow and integrated real-time alert APIs trained on 10K+ labeled emergency datasets, achieving 85% accuracy and automating alerts to nearby emergency centers, reducing response time by 30%.

VITGPT   (Oct 2023)

- Launched an AI-driven chatbot for VIT students, resulting in a 40% reduction in manual inquiry handling time and providing instantaneous responses to student questions, benefiting over 5,000 users each academic year.
- Integrated Firebase for real-time data management and optimized user authentication, increasing chatbot responsiveness by 25% for 5,000+ students.
- Led a 3-member team to enhance chatbot NLP accuracy and secure 500+ user records through encryption and access controls, improving reliability and engagement.

CO-CURRICULAR ACTIVITIES

ACHIEVEMENTS

- **Published a research paper** titled "AI-Powered Medical Emergency Detection and Verification Using Deep Learning" in IEEE Xplore at World SUAS 2025, Indore, showcasing an AI-driven solution to enhance real-time emergency response efficiency.

EXTRACURRICULAR

- Supervised discipline, finances, stage operations, and resources for the Cultural Fest (Advitya) at VIT Bhopal, which drew over 1,500 people and reduced expenses by 20% through wise budgeting.
- Core Member, **Hindi & Gujarati Clubs** – directed social media for more than ten events, including the Advitya Techno-Cultural Fest, and guided more than one hundred students in planning academic and cultural activities that promoted local culture.

ADDITIONAL

- **Hobbies**- Tech Trendy, Cooking, Listening Music, Playing Badminton, Dance, Drawing.
- **Languages:** English, Hindi