

## SUMMARY

Software Engineer — GenAI, Full-Stack, & ML Development — Adobe, Bosch, IIT Bombay

## EDUCATION

- **Indian Institute of Technology** Bombay, India  
*Bachelor of Technology in Metallurgical Engineering; CGPA (8.73/10.0)* Nov. 2021 - May. 2025

## PUBLICATIONS

- **Attacks on Third-Party APIs of Large Language Models**, Vidit Khazanchi, et al. Secure and Trustworthy Large Language Models (SeT LLM @ ICLR 2024)
- **MISLEAD: Manipulating Importance of Selected Features for Learning Epsilon in Evasion Attack Deception**, Vidit Khazanchi, et al. arXiv preprint arXiv:2404.15656

## WORK EXPERIENCE

- **Loria** Nancy, France  
*Research Intern — Awarded **Charpak Scholarship (1 of 30 from India)** for Research in France* May 2025 - Jul 2025
  - **Evaluating Stereotypical Bias in Large Language Models** under **Prof. Karen Fort**
  - Collaborating on academic writing and experiments contributing to publication and reproducibility.
- **Adobe** Delhi, India  
*Product Engineering Intern — Received **Full-time Offer for Summer 2025*** May 2024 - Jul 2024
  - Developed a **GenAI video generation** feature for Adobe Express, simplifying video creation for millions globally
  - Developed NLP-based system to auto-generate scripts and captions with **85%+** accuracy on diverse content.
  - Enabled user-uploaded content for greater personalization and video uniqueness using Computer Vision techniques
- **AIShield, Bosch Global Software Technologies** Bangalore, India  
*Student Trainee* May 2023 - Jul 2023
  - Thoroughly studied existing **Evasion Attacks on Tabular Data** using ML Models, gaining insights for research
  - Designed **MISLEAD**, a novel evasion method outperforming existing attacks across accuracy and stealth metrics
  - Technique now integrated into internal **AIShield and Bosch security tools** for robust AI model assessment
- **Senzcraft** Kolkata, India  
*Machine Learning Developer* Dec 2022 - Mar 2023
  - Implemented **Human-in-the-Loop** pipelines across **3+ ML products**, improving performance by up to **25%**
  - Evaluated and selected Label Studio as the HITL tool after benchmarking **5 open-source** annotation frameworks

## TECHNICAL PROJECTS

- **ResoBin**
  - One-stop platform for course discovery, reviews, resources, and personalized timetables for IIT Bombay students
  - Achieved **10,000+ users** and catalogued **3,000+ courses**, centralizing course access for the entire campus
  - Developed with **Django REST backend** and **React frontend**, integrated with **IITB SSO authentication**
  - Integrated **multi-agent Text2SQL RAG** pipeline for natural language search across the entire dataset

## LEADERSHIP EXPERIENCE

- **Institute System Administrator**
  - Lead a committee of **15+ Hostel System Administrators** to ensure **24/7 internet** connectivity across campus
  - Maintained the Gymkhana servers with **50+ websites** and critical services for **20,000+** residents of IIT Bombay
  - Setup **3 high-performance servers after 6 years**, improving speed and reliability significantly.
  - Awarded **Institute Technical Award** for critical contributions to IIT Bombay's digital infrastructure.

## PROGRAMMING SKILLS

- **Languages:** C++, Python, Linux, Javascript, Git    **Technologies:** Next JS, React, Django, Flask, Selenium
- **AI and Machine Learning:** LangChain, PyTorch, Scikit-learn, OpenCV, Transformers, Numpy, Pandas