

ADITYA AMIT GUPTA

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University <i>B.Tech in Computer Engineering (Minor: Data Science), CGPA: 8.20/10</i>	July 2022 – Present <i>Navi Mumbai, India</i>
Smt. Chandibai Himathmal Mansukhani College <i>12th Grade, Percentage: 59%</i>	May 2020 – July 2022 <i>Ulhasnagar, India</i>
Sri Vani Vidya Shala High School <i>10th Grade, Percentage: 79%</i>	May 2008 – April 2020 <i>Kalyan, India</i>

Projects

ADHD-Fusion <i>Python, FastAPI, Deployment Automation, Cloud Services</i>	June 2025
<ul style="list-style-type: none">Developed a suite of productivity and mental health tools tailored for individuals with ADHD, enabling effective task organization, habit tracking, and daily routine management.Integrated an AI-driven chatbot assistant providing real-time guidance, personalized reminders, and motivational support to boost user engagement.Production-ready with Docker: Utilized Docker for streamlined deployment and scalability, ensuring consistent and reliable performance across environments.	
SEMA:Semantic Evaluation And Matching Analyzer <i>Python, React, Gradio, TensorFlow</i>	May 2025
<ul style="list-style-type: none">Developed an interactive semantic analysis tool using Gradio, capable of comparing sentence similarity with multiple transformer models.Integrated state-of-the-art NLP pipelines for paraphrasing, POS tagging, sentiment analysis, and NER using Hugging Face and spaCy.Visualized similarity metrics using dynamic bar, gauge, and heatmap charts, enhancing interpretability of sentence embeddings.	

Technical Skills & Certifications

Languages: Python, Java, C, HTML/CSS, JavaScript
Frameworks: Swing , TensorFlow, Flask, React
Tools: Git, SQL , Dockers
Technologies: SDLC, Deep Learning, AI, Machine Learning

META: Foundations of AR
IBM: Data Engineering Basics for Everyone
HP: Agile Project Management , A Complete Guide to Game Design
IEEE: AIML Workshop ,LLM Workshop

Leadership

ADHD-Fusion <i>Group Leader</i>	June 2024 – June 2024 <i>Navi Mumbai, India</i>
<ul style="list-style-type: none">Managed essential tasks including data collection, management, and ensuring effective communication.Successfully published a paper and copyright for AKDS-Fusion.	

Extracurricular

BPCL 49th Foundation Day Industrial Visit <i>Participant</i>	January 2025 <i>Bharat Petroleum Corporation Limited (BPCL), Mumbai, India</i>
<ul style="list-style-type: none">Visited BPCL's refinery and explored real-world applications of AI, ML, IoT, and Digital Twins in the oil and gas sector.Attended expert-led sessions on AI-enabled surveillance, video analytics, predictive quality control, and cybersecurity at BPCL's Learning Centre.Gained firsthand exposure to Hyper-Converged Infrastructure and BPCL's advanced data management system	
Tech HR Conclave 2025: Unlocking AI Talent Potential <i>Participant</i>	April 2025 <i>Ramrao Adik Institute of Technology, DYPU, Navi Mumbai</i>
<ul style="list-style-type: none">Participated in a high-impact conclave attended by 400+ professionals, focusing on bridging the AI talent gap through industry-academia collaboration.Gained insights from expert sessions and panel discussions led by leaders from TCS, LTIMindtree, BITSS, Zeko.ai, myWays.ai, and more.Explored real-world perspectives on AI hiring trends, career opportunities, and future workforce skills through interactive discussions and networking.	

Hobbies

Music , Chess, Gaming