

Tirath Bhathawala

📞 [9137583387](tel:9137583387) ✉ tirath.bhathawala@gmail.com [🌐 LinkedIn](#) [🐙 GitHub](#)

EDUCATION

SVKM's Dwarkadas J. Sanghvi College of Engineering <i>B.Tech in Computer Engineering: GPA: 9.23</i>	Mumbai, India 2022 - 2026
Mumbai Junior College of Arts, Commerce and Science <i>COMPS Junior College Percentage: 91.5: MHTCET Percentile: 99.51</i>	Mumbai, India 2019-2021
IES Orion <i>10th Indian Certificate of Secondary Education: Percentage: 96.8</i>	Mumbai, India 2009-2019

TECHNICAL SKILLS

Programming Languages: C/C++, Python, Java, HTML/CSS, JavaScript, SQL

Tools: Linux, Git, Kaggle, Google Colab

Frameworks/Technologies: Streamlit, Tensorflow, Keras, OpenCV

Relevant Coursework: Data Structures, Algorithms, Database Management System, OOPS

Course Certifications: CS50P by Harvard University (Online)

EXPERIENCE

DJS SYNAPSE (September 2023 - Current)

- Actively participated in the development and enhancement of Machine Learning skills, particularly Computer Vision, through practical projects and hands-on experience.
- Organized impactful events and fostered strong collaborations with fellow peers.
- Working on a research paper in the ML Audio domain leading to strong academic writing and information literacy skills.

PROJECTS

RakshakRita (BERT, seaborn, networkx)

- Developed "RakshakRita", a QR-based Police Feedback System, empowering citizens to voice their opinions on policing.
- Crafted dynamic feedback reports on police stations and interactive heatmaps visualize negative feedback intensity in localities.
- Played a pivotal role in tasks like language translation, spam detection, chatbot creation and sentiment analysis.

Nomework (FontForge, TesseractOCR, Gemini)

- Transform prompts into handwritten masterpieces with Nomework's AI-powered assignment generator.
- Harnessed the power of TesseractOCR to digitally transcribe a handwritten document. Employing FontForge, I successfully extracted custom font from a handwritten image. Leveraged Gemini to create assignment content.

Etch-a-Sketch (The Odin Project)

- Etch a sketch game created with HTML, CSS and JS.
- Update the grid visuals based on user input, simulating the drawing motion

GeminiChatbot (CS50P)

- Developed a user-friendly chatbot interface using two powerful tools: Gemini for language understanding and response generation, and Streamlit for building a web app framework.
- Implement conversation history to track the dialogue thread.

ACHIEVEMENTS

Winner in CodeBounty, a college competitive programming contest

Finalist in the Rajasthan Police Hackathon 2024 (ML Lead)

Finalist in the Gujarat G20 Summit Hackathon 2023 (ML Lead)

CODING PROFILE

CodeChef

LeetCode

HackerRank