

PRASHANT VASUDEVAN

📍 Kalyan, Mumbai

✉️ vprashant5050@gmail.com

☎️ +91 9136933612

🌐 <https://github.com/vprashrex>

<https://vprashrex.github.io/>

EDUCATION

BSC COMPUTER SCIENCE	kishinchand chellaram college	JULY 2021- APRIL 2024	8.7 CGPA
Higher Secondary Education	CBSE, Arya Gurukul Kalyan	2020	82.2 %
High School	CBSE, Arya Gurukul Kalyan	2018	69.8%

CORE COMPETENCIES

- ✓ Python
- ✓ FastAPI
- ✓ ML Frameworks (PyTorch, Tensorflow, onnx)
- ✓ Computer Vision Framework (OpenCV)
- ✓ Git and Github action (CI/CD)
- ✓ Docker and docker-compose.yml
- ✓ Cloud Deployment(AWS, Azure, GoogleCloud)
- ✓ Linux OS (Ubuntu, Kali Linux, Debian)
- ✓ MERN STACK

RELEVANT PROJECTS

CodeGen: SLM (Small Language Model) Driven Coding

(June 2023 - Ongoing)

Prof: Ms. Geeta N. Brijwani, Mr. Aditya Agarwal [Resarch Paper Also Written]
The "CodeGen SLM Driven Coding" project enhances coding efficiency through Code Instruct and Code AutoComplete modes, using quantized and fine-tuned models for interactive coding tasks and code prediction. Prioritizing data privacy, it offers secure offline operation and optional cloud storage, along with a chat export feature for flexibility and control over user data.

Model Used:

1. Code Instruct: DeepSeek Coder v1.3b instruct [SMALL LANGUAGE MODEL]
2. Code AutoComplete: Wizard Coder 3b [Small Language Model]

Collabstr Clone

(May 2023 - June 2023)

The platform based on influencer marketing where brand find their desired niches and bid on the influencer.

- Tools: Utilized FastAPI & Django(for server), ReactJS (frontend), Docker, SMTP Server (for OTP)
- Technologies: JWT, OAuth, Google Sign in, Location API.

PicAI

(Jan 2023 - May 2023)

Created a GAN-powered web app for image manipulation integrating ModNet, GFPGAN, RealESRGAN, Anime, and Arcane filters for effective style transfer and enhancement.

- Tools: Utilized FastAPI & Django, HTML, CSS, Vanilla JavaScript, Nginx, Docker, Certbot.
- Technologies: Employed PyTorch, ONNX.
- Machine Learning Models: Included MODNet, GFPGAN, RealESRGAN, AnimeGanV2, Arcane Filter.

AREA OF INTREST

Machine learning, Deep learning, Software Engineering, Database Administration, Backend and Frontend Devleoper

HACKATHON

