

Atharva Nitin Joshi

Contact Details

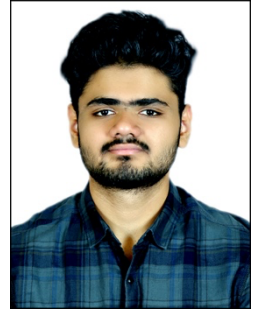
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Education

- **B Tech. Computer Engineering** | Vishwakarma Institute of Technology, Pune
December 2020 – May 2024 (Expected)
- **Class XII HSC** | Arihant Junior College, Pune
May 2020
- **Class X CBSE** | Queen's High School, Parbhani
May 2018

Volunteer Experience

- **Technical Head** | Computer Society of India, VIT Pune
Interviewed and selected as the technical domain head of ML for the academic year 2021-22 by CSI, VIT Pune.
Oct 2021 – Aug 2022
- **Vice President** | Computer Society of India, VIT Pune
Was Promoted as the Vice President for the academic year 2022-23 by CSI, VIT Pune
Aug 2022 – Present

Projects

- **VivifierGAN** | Deep Learning, Python, Web Development
Trained a Generative Adversarial Network to colorize greyscale images. Used Keras and TensorFlow to train the model on the COCO dataset. Used Flask at the backend and bootstrap at the frontend.
- **End-to-end encrypted chat application** | App Development, Flutter, Firebase
Created AES 256 based encrypted real-time chat application in flutter using Firebase at backend.
- **AI based Stock Recommendation and Prediction System using custom strategy** | Python, Flask
Developed an AI based stock recommendation system which uses several market signals to analyze various stocks and give their long-term, mid-term and short-term recommendations.

Publications

- **"Text-to-Face generation using DCGAN" (Accepted Paper)** | Hinweis Second International Conference on Advances in Software Engineering and Information Technology- ASIT (Hybrid Mode)

Skills

- **Programming Languages** – C++, Python
- **Web Development** – HTML5, CSS3, JavaScript, Flask
- **ML** – TensorFlow, Keras, Pytorch
- **App Development** – Flutter, Firebase

Achievements

- **Top 8 - Internal Smart India Hackathon 2022 | VIT Pune**
Achieved the Top 8 of 85 teams participating in the internal smart India hackathon 2022 conducted by the Vishwakarma Institute of Technology, Pune. Was one of the College's 10 shortlisted teams to apply at the national SIH 2022 level.
- **Finalist – Citi Code Challenge 2022 | Citibank**
Selected as the only team to represent the college in the Citibank code challenge in December 2022.