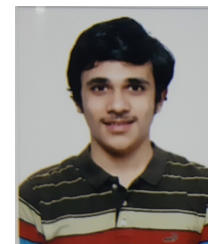


# Madhur Preetam Vaidya

madhurpreetamvaidya@gmail.com

[Github Profile Link](#)



## SKILLS AND INTERESTS

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- ★ **Programming Languages:** C, Python, C++, Solidity
- ★ **Libraries and Frameworks:** TensorFlow, Android Development (Java), ReactJS
- ★ **Tools:** Ab Initio, Git, shell, Firebase, MySQL
- ★ **Interests:** Ornithology, Photography, Mathematics, Badminton, Chess, Quizzing, Reading

## PROFESSIONAL CERTIFICATIONS

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- ★ Barclays Data Engineering course using AbInitio (August 2024)
- ★ NVIDIA Fundamentals of Deep Learning (August 2024)

## PROJECTS

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### FAST – FAST Attendance System Technology

- ★ Proxy-proof Attendance System for students and Employees. Implemented dynamic QR Codes as a low-latency and secure communication channel in between an Android phone and a Windows PC
- ★ *Tech Stack* – Android Development (Java), Desktop application (Python), Cloud (Firebase)

### Sentiment Analysis of Marathi Texts using Deep Learning Models

*Guided by Dr. Deepak Mane*

- ★ 3-class sentiment-analysis of Marathi sentences, based on ANN, IndicBERT and BiLSTM
- ★ *Tech Stack* – Python, TensorFlow

### Peti-Chain - Blockchain based petition filing system

*Guided by Prof. Lokesh Khedekar*

- ★ Created a Smart-Contracts based blockchain application for Judicial Petition-filing, on Ethereum Network
- ★ *Tech Stack* – Solidity (Ethereum Smart Contracts), Website – ReactJS, NextJS

### Multi-Staged Gale-Shapely : Guide & Group Matching Problem

*Guided by Dr. Girija Limaye and Dr. Pushkar Joglekar*

- ★ Proposal and Implementation of multi-staged variant of Gale and Shapely algorithm with both-sided preferences
- ★ *Tech Stack* – C

## EDUCATION

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### Vishwakarma Institute of Technology, Pune

*BTech. Computer Engineering*

**2022 - 2026**

*Pune, Maharashtra*

- ★ Current Year - 3<sup>rd</sup> Year out of 4 years degree program, Current CGPA – 9.35

### Dr. Kalmadi Shamarao Junior College, Pune

*Higher Secondary School Certificate (MSBSHSE)*

**2020 - 2022**

*Pune, Maharashtra*

- ★ Marks – 82%

### S.P.M. English School, Pune

*Secondary School Certificate (MSBSHSE)*

**2010 - 2020**

*Pune, Maharashtra*

- ★ Marks – 95.6%

## ACHIEVEMENTS

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- ★ *First Prize* at Impetus Competition in ‘Machine Learning’ domain organized by PICT Pune during ‘InC 2024’
- ★ *First Prize* at TensorFiesta Competition - Organized by GDSC VIT Pune in Feb 2024
- ★ *Second Prize* at Impetus Competition in ‘App Development’ domain organized by PICT Pune during ‘InC 2023’
- ★ *First Prize* at Retracer Competition - Organized by COEP Tech University in ‘Mindspark 2022’
- ★ *First Prize* in CodeZAP competition, at VIT Vellore’s gravITas ’22
- ★ Selected and appeared for INMO 2021, one amongst 30 students selected from Maharashtra state
- ★ ‘*Best Outgoing Student* – 2019-20’ in S.P.M English School, Pune in 10<sup>th</sup> standard
- ★ Maharashtra State Scholarship – 4<sup>th</sup> Std and 8<sup>th</sup> Std