

# Pratik Pingale

Web Developer · Competitive Programmer

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"I believe I can and I'm halfway there."

## Personal Profile

I seek problems to solve them. I Love to learn whatever that will make the future. Highly versatile and adapt quickly to a changing environment. Passionate, and specialized in Front-End Web Development alongside modern frameworks like React/Django and other libraries. Open Source contributor and Competitive Programmer.

## Professional Experience

### Convin.ai

Backend Engineer and Android Developer

Pune, India

Sept 2021 - Apr 2022

- Collaborated with a thirteen-person team to develop and integrate backend APIs using Django Rest Framework which improved and optimized data handling.
- Analyzed and performed speech-to-text conversion on customer call recording audios using Amazon Transcribe and Google Translate APIs along with AI based filters to recognize multilingual parts of speech.
- Build and deployed an organizational-level Android application with advanced functionalities like call recording and efficient background syncing for large audio files which aided a big management team of a renowned organization.
- Letter Of Recommendation ✉.
- **Technical Skills:** Python, Django REST framework, Android, Kotlin, AWS, PostgreSQL, Ubuntu Linux, Scripting, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, and Presentation skills.

## Organizational Experience

### AISSMS COE

Core Team Member Google Developer Student Club

Pune, India

Sept 2020 - Sept 2022

- Team leader of the Competitive Programming Team. Conducted many virtual and physical events for freshers and juniors.
- The events were based on Git, Data Structures, Algorithms, and Competitive Programming which helped them to understand the basic fundamentals and eventually get better at coding.
- Member of the Web Development Team. Contributed to the DSC AISSMSCOE ✉ official website.
- **Technical Skills:** Python with Algorithms, Data Structures, Tailwind CSS, Firebase, Git.
- **Soft Skills:** Leadership, Time Management, Communication, Logical Thinking.

### AISSMS COE

Core Team Member Microsoft Student Club

Pune, India

July 2021 - Sept 2022

- Build a University Timetable Scheduler ✉ model with a colleague, that works using a Genetic algorithm and is portable for scheduling scenarios may it be a schedule for school, employee timesheet, etc.
- Designed to be flexible to any case with low time complexity compared to the existing models which were only useful in specific scenarios.
- Build a Certificate App ✉ for easier certificate generation and distribution. This helped the college's Sports department to handle competitions and events related certificates.
- **Technical Skills:** Python with Genetic Algorithms, Django, HTML5, CSS3, JavaScript, CI & CD, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, Logical Thinking.

## Projects

### DarkSpider ✉

AISSMS COE

Pune, India

Aug 2022 - Current

- Identification of Network Structures of the Dark Web by Exploring its Topological Properties by crawling and extracting onion web pages via the TOR Dark web network using a multi-threaded BFS crawler.
- DarkSpider is a multi-threaded crawler and extractor for regular or onion web pages through the TOR network, written in Python.
- **Technical Skills:** Python with multi-threaded BFS crawler, TOR.
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

## Timetable Scheduler [↗](#)

AISSMS COE

Pune, India

Sept 2021 - Jan 2022

- An intelligent timetable generator that generates a University timetable using a Genetic Algorithm.
- The project uses Genetic Algorithm to satisfy the Hard & Soft constraints related to the Timetable schedule.
- **Technical Skills:** Python with Genetic Algorithms, Django.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Logical Thinking.

## Museum Gallery [↗](#)

Personal Project

Pune, India

May 2020 - Aug 2020

- A VR based Museum application made for enjoying museums from home.
- **Technical Skills:** Android with Java, Google VR SDK.

## Twitter Sentiment Analysis [↗](#)

Personal Project

Pune, India

Apr 2022 - May 2022

- Twitter Sentiment analysis of tweets using vaderSentiment, CountVectorizer, and KMeans.
- Analyzing and cleaning texts using stop words removal, tokenization, stemming, and lemmatization.
- **Technical Skills:** Python with KMeans, Pandas, NumPy, seaborn, scikit-learn.

## proxzima.dev [↗](#)

Personal Project

Pune, India

May 2022 - Current

- Highly customizable, easy-to-use, and minimal terminal styled website, powered by Next.js.
- **Technical Skills:** TypeScript with React.js and Next.js, HTML5, CSS3, JavaScript, and Shell Scripting.

# Education

## AISSMS College of Engineering

B-Tech in Computer Engineering

Pune, India

Aug 2019 - Current

9.38 SGPA

- Organizing and managing technical events.
- **Courses:** Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Blockchain Technology, Computer and Security, Database Management Systems, Data Structures and Algorithms, Computer Graphics, Discrete Mathematics
- **Honours:** Artificial Intelligence for Big Data Analytics, Machine Learning & Data Science, Statistics and Machine Learning, Data Science and Visualization

## Pragya Junior College

High School

Pune, India

Jul 2017 - May 2019

- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths with Computer Science

# Skills

<b>Programming</b>	Python (Numpy, Pandas, Jupyter, Django, Flask. etc.), C/C++, Kotlin, HTML5/CSS3, JavaScript, TypeScript(React.js), MySQL, PostgreSQL.
<b>Miscellaneous</b>	Linux, Shell (Bash/Zsh), L <sup>A</sup> T <sub>E</sub> X(Overleaf), Figma, Postman, Google Cloud, Firebase, Git.
<b>Soft Skills</b>	Time Management, Teamwork, Problem-solving, Versatility, Adaptability, Multitasking, and Public Speaking.

# Achievements

- |      |  |       |
|------|--|-------|
| 2020 | <b>Winner</b> , Internal Hackathon for Smart India Hackathon (SIH) | India |
| 2015 | <b>Winner</b> , District level Karate Competition                  | India |

# Interests

<b>Linux</b>	Since 2020, I have been in love with Linux. Linux ricing <a href="#">↗</a> is my hobby.
<b>Anime</b>	I enjoy watching anime of a few specific genres like shonen and seinen.
<b>Video Games</b>	I always had the gaming gene. I mostly play on my phone and occasionally on my PS3.
<b>Karate</b>	I started karate when I was 15. I have participated in a few state and national-level competitions.
<b>Music</b>	I enjoy almost all types of music but the genres I enjoy the most are aesthetic EDMs and electro.

# Languages

<b>English</b>	Professional proficiency
<b>Hindi</b>	Native proficiency
<b>Marathi</b>	Bilingual proficiency