# Pratik **Pingale**

Web Developer · Competitive Programmer

*A-601 Amrutdhara, Wadmukhwadi, Pune 412105, India*

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## **Pro**fessional 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.

## **Org**anizational Experience

### **AISSMS COE**
Core Team Member Google Developer Student Club & Microsoft Student Club

*Pune, India*

*Sept 2020 - Sept 2022*

- Team leader of the Competitive Programming Team. Conducted many virtual and physical events based on Data Structures, Algorithms, and Competitive Programming for freshers and juniors which helped them to understand the fundamentals of coding.
- Member of the Web Development Team. Contributed to the DSC AISSMSCOE official website.
- Build a University Timetable Scheduler model with a colleague, that works using a Genetic algorithm.
- Build a Certificate App for easier certificate generation and distribution which helped the college's Sports department to handle competitions and events-related certificates.
- **Technical Skills:** Python with Genetic Algorithms, Data Structures, Django, Firebase, Tailwind CSS, CI & CD, Git.
- **Soft Skills:** Leadership, Teamwork, Time Management, Communication, Logical Thinking.

## **Pro**jects

### **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 University timetable generator using a Genetic Algorithm by satisfying the Hard & Soft constraints.
- Designed to be portable and flexible to any case may it be a schedule for school, employee timesheet, etc with low time complexity compared to the existing models which were only useful in specific scenarios.
- **Technical Skills:** Python with Genetic Algorithms, Django.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Logical Thinking.

## **Edu**cation

### **AISSMS College of Engineering**
B-Tech in Computer Engineering

*Pune, India*

*Aug 2019 - Current*

- Organizing and managing technical events.

*9.38 SGPA*

- **Courses:** AI, ML, DL, NLP, Blockchain Technology, Computer and Security, DBMS, Data Structures and Algorithms.
- **Honours:** AI for Big Data Analytics, ML & Data Science, Statistics and ML, Data Science and Visualization.

## **Sk**ills

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|---|---|
| **Programming** | Python (Numpy, Pandas, Jupyter, Django, Flask. etc.), C/C++, Kotlin, HTML5/CSS3, JavaScript, TypeScript(React.js), MySQL, PostgreSQL. |
| **Miscellaneous** | Git, Linux, Shell (Bash/Zsh), LaTeX(Overleaf), Figma, Postman, Google Cloud, Firebase. |
| **Soft Skills** | Time Management, Teamwork, Problem-solving, Versatility, Adaptability, Multitasking, and Public Speaking. |