

# Madhav Sharma

Pune, Maharashtra, India

📞 +918103611428 ✉️ [madhav.sharma2002.12@gmail.com](mailto:madhav.sharma2002.12@gmail.com)

 <https://www.linkedin.com/in/madhav-sharma-448641227>

 <https://github.com/Madhav89755>

I work as a Python developer with 1.5 years of experience. I studied Computer Science and Engineering at Mahakal Institute of Technology in Ujjain, finishing in 2023. I really enjoy coding and have been busy with different projects.

In my job, I've learned how to code, solve problems, and work with teams to make software. I like keeping up with the latest technology updates and getting better at what I do. My education and experience have given me a strong base in computer science, and I'm excited to help with new and creative projects.

## Experience

### Python Full stack Developer at Markytics, Pune

June 2022 – Present (On-site)

- Develop **SendGrid** solution for sending transactional and dynamic mails to all the users
- Implementing **Pandas** to decrease the runtime of the code
- Develop modules for the project as per need
- Manage a team of 4 for the development of product

## Education



**MIT Group of Institutes, Ujjain** (Aug 2019 - Jun 2023)

Bachelor of Technology – B.Tech, Computer Science with 8.58



**Oxford Junior College, Ujjain** (Apr 2018 - Jun 2019)

Higher Secondary Education with 69%



**Kanha Makhan Public School, Vrindavan** (Apr 2016 - March 2017)

Secondary Education with 8.2 CGPA

## Licenses & Certifications



**Python with Machine Learning**, Rajiv Gandhi Prodyogiki Vishwavidyalaya



**Python**, HackerRank



**Python for Data Science, AI & Development**, IBM



**SQL Fundamentals**, Sololearn



**SQL**, HackerRank

## Skills

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, JQuery, ReactJS, Ajax
- **Backend:** Python, Django, REST API's
- **Databases:** MySQL, PostgreSQL
- **Cloud:** AWS S3, AWS EC2, AWS RDS
- **Analysis:** Pandas, Numpy
- **Other:** SendGrid (for email automation), Twilio (for whatsapp bot), PGP (for encryption and decryption)

## Projects

1. **Live Project:- Lendpartnerz (June 2022 – Present)** at, Markytics
  - It is an **invoice discounting Fin-Tech platform**, focusing on investor-friendly solutions.
  - Developed a **PGP (Pretty Good Privacy)** module for secure data encryption and decryption with **DBS BANK API**.
  - Managed **AWS EC2** instances for the project for the deployment of the project
  - Used **AWS S3** as the default storage medium for storing files and **AWS RDS** for hosting our **PostgreSQL** Database
  - Implemented **Atomicity** along with other **ACID** properties that is an important aspect to maintain in the database
  - Integrated **SendGrid** module for dynamic bulk email sending, including admin-scheduled mails.
  - Managed **TWILIO API** for the platform's WhatsApp bot, enhancing user interaction.
  - Collaborated with UI Team to create the project's frontend.
  - Integrated APIs from **DBS BANK**, **Razorpay**, and **SendGrid** for seamless functionality.
  - Utilized **Python** and **Django** for implementation and development.

2. **Live Project:- Confy (Oct 2022 - March 2023)** at, Markytics

Confy is a secure and reliable chat application that allows users to have control over the data that is being saved on the server. It uses **Socket.io** for the real-time conversation between users. It also uses Natural Language Processing to take action against texts that spread hatred.

## Personal Details

Father's Name	:	Late Sanjay Sharma
Marital Status	:	Unmarried
D.O.B.	:	12 <sup>th</sup> April, 2002
Hobbies	:	Playing Chess, Watching Anime, Reading Manga
Languages Known	:	Hindi, English
Hometown	:	Ujjain, Madhya Pradesh, 456001