Madhay Sharma

Pune, Maharashtra, India





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%

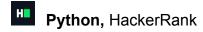


Kanha Makhan Public School, Vrindavan (Apr 2016 - March 2017) Secondary Education with 8.2 CGPA

Licenses & Certifications



Python with Machine Learning, Rajiv Gandhi Prodyogiki Vishwavidyalaya







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

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 **Diango** 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. : 12th April, 2002

Hobbies : Playing Chess, Watching Anime, Reading Manga

Languages Known : Hindi, English

Hometown : Ujjain, Madhya Pradesh, 456001