MADHAV SHARMA

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EXPERIENCE

InspironLabs, Bengaluru | October 2023 – Present (On-site)

Intercultural Development Inventory | Lead Django Developer

It is a tool that is engineer with the motive to make assessing intercultural competence easier among the organisations, institutes, groups and individuals.

- Led backend development efforts, ensuring adherence to coding standards and best practices.
- Designed and optimized database schemas for improved performance and scalability.
- Integrated AWS SES for email communication and Celery for asynchronous task processing.
- Managed data migration from legacy systems to the new platform, ensuring data integrity and minimal downtime.
- Collaborated with frontend and QA teams to deliver high-quality solutions on time.

Markytics, Pune | June 2022 – September 2023 (On-site)

LendPartnerz | Junior Python Full Stack Developer

It is an **Invoice Discounting Fin-Tech platform**, focusing on investor-friendly solutions with low risk.

- Engineered a secure data encryption module using PGP (Pretty Good Privacy) in collaboration with DBS BANK API, bolstering data protection.
- Managed AWS EC2 instances for streamlined project deployment, AWS S3 as a reliable storage solution and AWS RDS to host our PostgreSQL Database, ensuring efficient data management.
- Streamlined user interaction by managing the TWILIO API for the platform's WhatsApp bot.

SKILLS

- Frontend : HTML, CSS, Bootstrap, JavaScript, Jquery, Ajax, ReactJs, Tailwind CSS, Ant Design
- Backend   : Python, Django, Django Rest Framework, Flask, REST API's
- Databases: MySQL, PostgreSQL
- Cloud   : AWS (EC2, Amplify, S3, RDS, SES), Docker, WinSCP
- Tools   : Twilio, SendGrid, NGROK, PGP, ELK(Elasticsearch, Logstash, Kibana)

CERTIFICATES

Python | HackerRank

Python for Data Science, AI & Development | IBM

EDUCATION

Mahakal Institute of Technology, Ujjain | B.Tech in Computer Science **|** 85.8% **|** 2019 – 2023

Oxford Junior College, Ujjain | Higher Secondary Education **|** 69% **|** 2018 – 2019

Kanha Makhan Public School, Vrindavan | Secondary Education **|** 77.9% **|** 2016 – 2017