






Irfan Irshad

Software Engineer

 myBlog  myWork  myIN  myMail  895-340-2532

EXPERIENCE

SNE | SOFTWARE ENGINEER

May 2021 – Current | Chennai, India

- Implemented a Django Application displaying latest Real Estate listings in Chennai and deployed on Digital Ocean servers.
- Eliminated 80% of manual retrieval of data from online platforms by orchestrating a Scraping Tool and utilities resulting in 190% increased leads and decreased employee effort .
- Spearheaded a team of 3 directly responsible for adding new properties to database. Reported directly to General Manager.

ECOC PVT LTD | CAMPUS STARTUP

Dec, 2018 – March, 2021 | IIT, Mandi | IIIT, Allahabad

- Built, tested and troubleshot electric bikes following proper assembling procedures. Designed prototype. Pitched business plans and secured funding twice.
- Purchase, Management of Inventory recorded using in-house simple Flask server and SQLite3 database. Distributed merchandise to local dealers.
- This project was conceptualized in the Robot and Machine Intelligence Lab via a draft proposal with a quest to build self-driving electric vehicle prototypes under the supervision of Dr. Rahul Kala .

AL WATAD MEDICAL EST. | INTERN

May, 2015 – Aug, 2015 | Jeddah, Saudi Arabia

- Interned at a industrial and medical equipment company, handling inventory management using Zoho and actively participated in website migration.

PROJECTS

POKEMON SHOP | JAVASCRIPT, REACT

- This is a SPA using react as front-end and stripe for secure and convenient payments.
- Headless open-source CMS, Sanity studio provides the back-end for content management. Embark on a journey of Pokemon discovery and shopping convenience, all in one place.

LITTLEPAWS PET FOOD STORE | PYTHON, DJANGO, AWS

- This is an ECommerce pet food store built using Django and Jinja templates which consists of more than 30+ features including user dashboards, payments etc.
- Leveraged AWS platform to seamlessly integrate and deploy with Free Tier offerings like SES, Elastic Beanstalk with RDS and Route 53, ensuring top-notch performance, scalability, and security.

ADVANCED DJANGO REST API | PYTHON, DJANGO REST FRAMEWORK

- A deep dive on creating professional-grade APIs using current market best practices that uses Test-Driven-Development workflow.
- Packaged using Docker and integrated into Github Actions for automated testing. Documentation of API is done using Swagger.

SKILLS

PROGRAMMING

Languages:(Over 5000 lines)

Python • JavaScript • Shell

Languages:(Over 1000 lines)

C++ • Java • SQL • Assembly

LIBRARIES/Frameworks

Django • NodeJS • Redis

ReactJS • Selenium • Numpy

TOOLS/PLATFORMS

Git • AWS • Postman

• Docker • Github Actions

FUNDAMENTALS

OS • DBMS • Networks

Algorithms • Data Structures

OOPs • HLD • LLD

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

M.TECH IN BIOMEDICAL ENGG

2018 - 2020 | Allahabad, India

Prof. Amit Prabhakar

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN ELECTRONICS ENGG

2014 - 2018 | Allahabad, India

Prof. Manish Goswami

INT'L INDIAN SCHOOL

AISSCE

2014 | Jeddah, Saudi Arabia

ACHIEVEMENTS

NEWGEN IEDC, IIIT

NSTDEB, Govt. of India

Secured startup seed funding in 2019.

CATALYST, IIIT

NSTDEB, Govt. of India

Secured prototype launch fund in 2020.