

Sparsh Saxena

Software Engineer

A Software Engineer with a chemical engineering background with experience in building personal projects. Looking to accelerate my career in the IT industry with my refined solution-providing skills. Willing to go above and beyond for providing answers to

✉ sparsh0987654321@gmail.com

📍 bareilly, India

🌐 linkedin.com/in/saxenasparsh

📞 +918439803019

📄 sparsh-saxena.netlify.app/

🐙 github.com/sparsh459

EDUCATION

B.Tech (CE)

Vellore Institute of Technology

07/2018 - 05/2022

7.48

PCM

Hartmann College

11/2008 - 05/2018

86%

PERSONAL PROJECTS

Oracle (11/2021 - Present)

- This is an AI program created in Python language. The aim is to assist me in daily work.
- Some of modules used : pyttsx3, speech recognition, pyPDF2, wikipedia, webbrowser, os, pysutogui, smtplib

Library Management System (09/2021 - 10/2021)

- Devised end-to-end system in Django
- Functionalities: CRUD, export details as csv file, search with filter
- 5 Technologies used: Python-Django, HTML, CSS, Javascript with bootstrap

DGPI (07/2021 - 07/2021)

- Engineered a Django Maps app with the use of Google APIs
- 6 Google APIs used: places, RECAPTCHA, directions, distance Matrix, Geocoding, maps JavaScript
- 5 Technologies used: Python-Django, Google APIs, JavaScript, Html, Css.

MPTP (03/2021 - 04/2021)

- Built a music player in Python-Tkinter with play-pause-stop.
- Up to 10 functionalities: adjusting the song length, adding single and multiple songs in the player list volume up-down

WORK EXPERIENCE

Software Engineer Intern

Vevesta Labs

02/2022 - 04/2022

Achievements/Tasks

- Added feature of plotting graphs with tracked variables
- Added correlation values from DataFrame to excel with different colored cells
- Increased Downloads by over 50%
- Increased library version from 1.0.0 to 3.0.0

SKILLS

Python

Django

REST APIs

OOPs

RDBMS

MySQL

NoSQL

Git

Tkinter

HTML5

CSS

JavaScript

Linux

Bootstrap

ORM

VOLUNTEER EXPERIENCE


SPE-VIT (02/2020 - 02/2021)

Project Manager:


SPE-VIT (12/2018 - 02/2021)

Core-Committee Member

CERTIFICATES

Cutshort Certified Python - Advanced
(03/2021 - 03/2022) 

By: Cutshort

Programming with Python 3.X (01/2022 - Present) 

By: Simplilearn

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Fitness

Space Exploration

Artificial Intelligence

Cricket

Exploring Other Cultures

Languages