



Adarsh Srivastav

Software Engineer

Developing strong Backed-End system for even stronger Machines.

✉ sr.adarsh3696@gmail.com

📍 Gurugram

🐙 github.com/sdeadarsh

☎ 9794711436

🌐 linkedin.com/in/sdeadarsh

WORK EXPERIENCE

Absolute (ECSO Global Private Limited) Software Engineer

05/2021 - Present

Gurugram, HR

Leading software engineers, collaborating with product managers implementing methodologies engaging in prioritizing requirements, improving experiences to ensure stakeholder alignment, and driving innovation for operational excellence

Achievements/Tasks

- Led the development of a soil testing machine that provides insights into the nutrient content of farmers' land. The device has generated sales of over **600 units** within **2 months**, producing more than **5000 soil reports** and a revenue of over **INR 3 crore**.
- Tech Stack: **Python, Django, Mysql, MongoDB, Solr**.

PROJECTS

InSoil

- Designed and built a comprehensive soil analysis and reporting system "IN-SOIL" from scratch, utilizing Python, Django, MySQL, MongoDB, InfluxDB, Mainflux, and Solr.
- Managed the backend system, overseeing database architecture design, device onboarding processes, and API development for soil devices, app, and web interface.
- Empowered farmers by providing valuable insights into soil composition and elements through PDF reports and a user-friendly web interface, optimizing decision-making in agriculture.
- TechStack: **Python, Django, MongoDB, Solr, Mysql, Mainflux, InfluxDB**

Agri Bot

- **a bot system that helps farmers with agricultural question**
- Implemented Multilingual Communication: Developed Agri Bot to seamlessly engage users in diverse languages, offering a comfortable interface for discussions through both typing and voice interactions in their local language.
- Integrated YouTube Learning: Enhanced education by incorporating personalized YouTube video recommendations, creating a visually enriched and accessible learning experience.
- TechStack: **Python, Flask, MongoDB, Solr, Google API, chat-gpt**.

EDUCATION

M.C.A (Master in Computer Application) Bundelkhand University

07/2018 - 07/2021

76% Distinction

B.C.A (Bachelor in Computer Application) Dr. Ram Manohar Lohia Avadh University

07/2015 - 07/2018

71% Distinction

SKILLS

Python

Django

Flask

SQL

Apache Solr

C/C++

MongoDB

Data Structure & Algorithm

Kubernetes & Docker

Backend

ACHIEVEMENTS

Github 20+ source repositories

LeetCode 150+ Problem solved

HackerRank 100+ Problem solved with 5 star

Appreciation in the current organization

Attained top spot in post-graduation.

CERTIFICATES

Python - Guvi (04/2021 - Present)

MongoDB PythonDeveloper Path - MongoDB (01/2024 - Present)

Docker - KodeKloud (12/2022 - Present)

Django - Cutshort (10/2023 - Present)

SQL - HackerRank (10/2021 - Present)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

COURSEWORK

Entrepreneurship

Sketching

Teaching