Soham Dalvi

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Education

A.P. Shah Institute of Technology, Thane
(University of Mumbai) Bachelor of Engineering,
B.E Information Technology

Shivai Jr. College of Science ,Commerce and Arts,
Thane.
Senior Secondary (12th)

Interships

Completed AICTE Virtual Internship in Data Anlytics Process Automation Internship through Alteryx
Completed AICTE Virtual Internship in Cyber Security Network Internship through Palo Alto
Completed Python Developer Internship through Congnifiyz Technology, Nagpur.
Open Source Developer and DevOps Associate Engineer Intern, DataScience Wizards, Thane.

Technical interests and Skills

Tools : Git/ Github, Google Colab, Docker, Jenkins, Kubernetes.

Programming Languages: Python , C, C++ , Java

Database : MySQL, Mongodb

Soft Skills : Leadership Quality , Teamwork , Problem Solving , Effective Communication , Critical Thinking

Interests: Networking , Deployment, Backend Development

Projects

College projects :

Eduflex: Student Profile Building

- A platform where the students can upload their certificates and get recognized for their achievements. Build a ML model to detect if weather the certificate is valid or not. Generates rank based on the achievements uploaded by the students.
- The platform is made using HTML/JS for web page, Flutter for mobile app and NodeJS and Python for backend. Using pdf mining techniques to check the validity of the certificate and a ML model who generates course path by weights of each certificate's embeddings.

Social Sphere: A social media dashboard

- A web app where the user can connect all of its profiles from different social media platforms and will get collective insights of their accounts. Can view the statistics in real time. Users will get news according to their interests to stay updated.
- Technologies used to make: HTML/ CSS, JavaScript for font end and Express JS and python for backend. To connect the user profiles, I have used APIs of different platforms to fetch user data and to upload user posts.

Personal projects:

Buycord : A discord management bot

- A discord bot who can manage your discord server
- Here I worked with the web page where user can login and check on their bots access and manage the bot
- Technology stack used in this project is Python Flask

Remote Mouse:

- An mobile app by which you can control the mouse and other controls for your laptops and desktop.
- Technologies I have used is Flutter for mobile app and Python for the server.

File_RAG:

- A RAG assisted LLM (Gemini 2.0 Flash). For the RAG embedding model used was Qdrant.
- The project is able to process different types of documents like PDF files , Word Documents , Websites and even Databases.

Certifications

- Cisco IT Essentials
- Cisco Programming Essentials in C++
- Cisco Programming Essentials in Python
- Cisco Networking Essentials
- Cisco Linux Essentials
- Cisco Cybersecurity Essential
- Oracle Database Foundations
- Oracle Java Foundations
- IBM Watson How to Build a Chatbot
- IBM Data Science with Python
- Project-Based Learning on: Unlocking the Power of Cloud Computing through GCP
- Project-Based Learning on: Essentials of Linux Administration, Networking and Database.

Achivements

- Conducted a session on how to make API calls from frontend and to manage networking in API calls.
- Represented Mumbai cluster on State level competition hosted by Skill India in Cyber security domain.