Sanskar Gundecha

Software Developer

LinkedIn Github LeetCode Portfolio

Contact

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Education

***B.Tech* - Vishwakarma Institute of Technology** *Current CPI - 8.83/10* (Present Sep 2021 - May 2025)
***HSC* - New Arts, Commerce & Science College** - *94%* (June 2019 - Mar 2021) **(Best student of the year)**
***SSC* - Bhausaheb Firodiya Highschool** - *93.60%* (June 2014 - June 2019) **(Best student of the year)**

Skills *Technical Skills*

- **Languages :** Java, Python, C++, C, SQL, Dart
- **App Development :** Flutter, Java
- **Web Development :** HTML, CSS, JavaScript, ReactJS, Angular, Node/NPM, Django(Backend), Express, TypeScript basics, Tailwind-CSS
- **Database :** MySQL, Firebase, AppWrite, MongoDB, PostgresSQL
- **Development Tools :** Visual Studio Code, Git, GitHub, Postman, Android Studio, PyCharm, SumoLogic, etc.
- **Others :** OOP, DBMS, Operating System, API integrations, Machine Learning, Software Design
- Soft skills : Leadership, Decision making, Passion to learn, Communication, Multi-tasking, Creative Thinking, Presentation, Dedication

Experience

- **Software Engineering intern** at ***Ridecell*** **(**Working on core Backend of Fleet-OPS management system**)**
  - Contributed developing APIs, backend services for microservices using Python and Django framework.
  - Improved the efficiency of hardware resources by almost 40% by fixing a major bug, caching data to optimize resource usage and reduced RAM consumption by 50 % fixing a pre-delete Django signal.
  - Written end-to-end Python Script for real time automation of a Microservice (Automated APIs)
  - Used tools like Postman for testing and debugging APIs, Sumo Logic for real-time log monitoring, and Periscope for database access and analysis, etc.
- **Web Developer Intern at** Prodigy Infotech (Jan 2024 - Feb 2024)
- **Led a C++ workshop for students** organized by CSI SB VIT Pune
- **App Developer** at Computer Society of India - Technical Club, VIT Pune

Projects

Video Dubbing System (HTML5, CSS, JavaScript, React.js, Python, Machine Learning)
Extracts audio from any given video in English, facilitating translation and dubbing of both audio and video content into over 50 Indian regional languages, with subtitles.
Key Points:

- Used 100% open source models and libraries.
- Targets 96.5% of Indian audience consuming video contents.
- Provides video insights in audio, subtitles, and other languages with 98 % accuracy.

Smart Attendance Tool (Python, T-kinter library, MySQL)
Made the GUI using Python which helps to store the entire student data and helps in advanced attendance marking. Generates attendance sheet which can be shared on teachers mail.
Key Points:

- LBPH algorithm to detect and recognize images and students' faces with 94.80% accuracy.
- Saves time and effort by 81% by automating traditional attendance.

YelpCamp (HTML5, CSS, JavaScript, React.js, MongoDB, OpenAI)
Developed a full stack website which is an all in one place for travel and adventure enthusiasts to access large database of campgrounds. User can explore, view and rate campgrounds on YelpCamp.
Key Points:

- Enhances user experience, saves time by offering vast set of campground data at fingertips.
- Allows users to give and see ratings of campgrounds and book their vacations.

Hajeri - The SmartTool (Flutter, Appwrite, Nodejs)
Developed a flutter application to automate the attendance using 3 features such as admin permission, Location and Fingerprint.
Key Points:

- Marks attendance based on three parameters, reducing proxy percentage from 100% to 0%.
- Checks three parameters: teachers' access, students' location, and fingerprint, one by one.

Achievements

- **AIR - 136** in Codathon by Coding-Ninjas
- **3**★at CodeChef, **3**★ @LeetCode, **5** ★at HackerRank
- Solved 450+ DSA questions on platforms like LeetCode, Codestudio, CodeChef, etc.
- **Top 20** in CodeZest'22 (Coding competition by IEEE SB VIT Pune)

Publications

- 'Smart Attendance System using Geolocation' (Presented at - 'Grenze International Journal of Engineering and Technology' - to be published in Scopus)