

Sankalp Sodagum

Portfolio: <https://sankalp-7.github.io/portfolio/>
Github: github.com/sankalp-7
Linkdln: <https://www.linkedin.com/in/sankalp7/>

Email: sankalpsodagum7@gmail.com

Mobile: 6305129054

Coding Profiles: Codechef

EDUCATION

- **Indian Institute Of Information Technology** Kerala, India
Bachelor of Technology - Computer Science; GPA: 8.5 *July 2020 - Present*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Cloud Computing, Artificial Intelligence, Machine Learning, Networking, Databases, Parallel computing

SKILLS SUMMARY

- **Languages:** Python, C, C++, SQL, JavaScript, Bash
- **Frameworks:** Django, Bootstrap, Socket.io, Django REST Framework
- **Tools:** GIT, Github, Docker
- **Platforms:** AWS, Heroku, Firebase
- **Databases:** MYSQL, PostgreSQL, MongoDB

EXPERIENCE

- **India Khelo Football - IKF** Remote
Backend Intern *August 2022 - October 2022*
 - **Building India's First Football Talent Scout Website:** Creating a complete platform involving all stakeholders at a single location
Responsible for creating the website's backend Django models and connecting them to the front end to make it dynamic.
—Website Link—
 - **Tech Stack:** Python, Django, SQL, MariaDB
 - **NGO:** Aims at uplifting the position of football in our country
- **MDR Consultants** Remote
Software Development Engineer *October 2022 - December 2022*
 - **Worked on industry-level issue of automating documentation for medical device consultants.:**
Increased efficiency by 80% By utilising image, text detection, and python libraries for manipulating excel files, the time it took to create a medical document was reduced from 50 minutes to about 10 minutes.
Gained hands-on experience with document automation tools and new technologies, including [Cloud Computing Basics,AWS,Machine Learning, Web-Scraping].
Demonstrated ability to learn and adapt quickly in a fast-paced consulting environment, successfully completing multiple assignments and meeting deadlines.
 - **Tech Stack:** Python, AWS, BeautifulSoup, Machine Learning, Django

PROJECTS

- **Djinsta:** Designed and developed a social media web application with key functionalities including posting, following, commenting, like, chat, and notifications.
Used AWS RDS(MySQL) for database
Added a seamless chat functionality utilising Redis, websockets, and Django Channels. This functionality enables real-time user communication. The programme uses Redis to store and retrieve messages.
Pushed the docker images to AWS ECR deployed the containerized application on AWS ECS.
Tech:-(Django,Django Channels,Redis,Websockets,AWS RDS(MYSQL),AJAX,Docker,Bootstrap)(Mar '23)
Repo Link—
- **Library Management System:** Library Management System With Admin And Student Login. Admin can add, delete and issue books to logged in students.
Students can view the books issued to them along with a fine calculator.
Tech:-(Django,AJAX,SQL)(August '22)
—Repo Link—

CERTIFICATES AND ACHIEVEMENTS

- Python Full-Stack Developer(Udemy)(04/2022 - 06/2022) —Certificate Link—
- Achieved AIR 57 in codechef december long challenge
- Member of IIIT-K IOT research group
- Codechef max 1620 rating —Codechef Profile Link—
- Worked with a senior django developer in his personal project
- Built a QR-code automatic attendance system as a group project to save the time spent on attendance.