Anish Soni

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EDUCATION

Rajasthan Technical University, Kota   **(2021 – 2025)**
Kota, Rajasthan
Bachelor of Technology, Computer Science
GPA: 8.51
Relevant Courses: Linux, Artificial Intelligence, DBMS, SQL, Big Data Analysis, Engineering Mathematics, Human-Computer Interaction, Digital System Design, Design and Analysis of Algorithm, Computer Networks, Theory of Computation, Operating Systems.

WORK EXPERIENCE

Augmented Reality Designer, Snap Inc.   **(05/2023 – 04/2024)**
Responsibilities:

- Designing Lenses for Snap using Snap AR lens studio.
- Responsible for building and nurturing the community of students interested in Augmented Reality.

Software Developer, Infiny Applications, Mauritius, Africa   **(05/2024 – 07/2024)**
Responsibilities:

- I created an automatic payment fetching API for QR codes using Ruby on Rails. Contributed to the UI of the mobile application.
- Conducted application testing, developed the backend for the CMS, and wrote detailed scenario reports. Designed and hosted the company website on their private cloud.

TRAINING

Calories Burnt Prediction, National Institute of Electronics and Information Technology, Ropar, Punjab   **(06/2023 – 07/2023)**
Under the supervision of Dr.Sarwan Singh, Joint Director, NEILIT Chandigarh.

- I took this project personally and created a Calorie Prediction toolbox using Flask and an effective, responsive design for my specific use case because I had started putting hours into my body due to an injury.
- The project was created to make it easier for a child to use & it predicts the outcome based on only four parameters.

PROJECTS

Real-Time Attendance System   **Github**
- I made this for my university using **Firebase** for image storage and information retrieval from the backend.
- Preparing to extend this not just for students and faculty but also at each hostel and the university's main gate.

Algorithmic Trading with Python   **Github**
- I worked with time series data using the ***yfinance*** module. Employed performance testing, backtesting, data pre-processing, and integration with the **Alpha Vantage API** for regular updates to achieve the desired result.

Langchain Chatbot   **Github**
- I made a RAG chatbot using **Streamlit** and **Langchain** as LLM.
- Hosted on two popular Platform-as-a-Service providers: **Streamlit Community Cloud** and **Render.com**.

Cancer Detection using Deep Learning (Image Classification for Healthcare)   **Github**
- Constructed a project utilizing **Keras** Image Classification.
- **CNN** with automatic entire side analysis and **SVM classifier** were both used.

SOFTWARE SKILLS

Javascript, Typescript, Python, NodeJS, Fastai, Docker, Kubernetes, AWS, RESTful APIs, WebSockets, Jest and Cypress, JWT, OAuth, Figma, Cloudflare, Redis, Streamlit, Langchain, TensorFlow, Keras, SMABacktester, LaTeX, Linux.

AWARDS
- Received the State Government's Mathematical Genius Award.
- Runner up for the IIT-hosted hackathon where I created a "Lung Disease Prediction" website.