

# Rolex Saraswat

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## EDUCATION

### Bennett University

Gr. Noida, India

B.Technology in CS( Artificial Intelligence), (CGPA: 9.12)

Graduation Date: May 2024

- Organizations/Awards: Academic Scholarship(the top 3% of total students in the program).

## PROFESSIONAL EXPERIENCE

### Denso India Pvt LTD.

June 2022 – August 2022

SDE-Intern

- Collaborated with a Quality Control team, gaining corporate experience from my peers and came up with a solution that helped in cutting down false negatives.
- Implemented the knowledge from the Deep Learning Specialization to increase the model's accuracy by 0.52% during an 8-week period.

### Happy Us

November 2021 – January 2022

Lead Web Developer

- Integrated 2 different Payment Gateways into a Django backend.
- Built more than 15 REST API's using Django Rest Framework.

## PROJECTS

### Cue ([Playstore](#))

April 2022 – July 2022

- Technologies Used** - Language(Java), Development(Native), Database(Realm by Mongo), VCS(Git).
- An ovulation and cycle tracking tool called Cue was created for those who menstruate and speak in gender-neutral terms considering [The Language we use is important](#).
- Worked with Realm to save the data and provide a hassle-free Export/Import.
- Achievement** - 1K+ downloads within a week and 4.6/5 rating.

### Ikshana ([Playstore](#))

December 2021 - March 2022

- Technologies Used** - Language(Java), Web Framework(Flask), ML Framework(OpenCV), VCS(Git).
- A simple application that let users learn braille regardless of how much experience they have.
- Implemented a standard 6-cell keyboard to practice and Braille Image processing using OpenCV and ML Libraries to provide a segregated image and translate it into Text and speech.
- Achievement** - Gained accolades from the university and a proposal to write a research paper on the implementation using CNN.

### Edulex ([Github](#))

September 2021 – December 2021

- Technologies Used** - Language(Java), Firebase, Google Sceneform, ARcore, Blender.
- An Augmented Reality application to enhance the core educational experience for the K-12 in tough times such as Covid-19.
- The application includes ARcore SDK to render glTF models made with Blender.

## LEADERSHIP EXPERIENCE

### Smart India Hackathon Grand Finale

Guwahati, India

August 2022

- Utilized various agile development techniques such as hourly sprints, burn-down charts, and stand-up meetings to create solution for PS KK1178 in a 48-hour period.
- Created key features such as GST verification, Database management, and Hot ranking algorithm.
- Monitored team progress toward timely delivery of goals.

### Bennett Artificial Intelligence Society(BAIS)

Gr. Noida, India

Core Team Member

August 2021 – July 2022

- Coordinated 3 events with team members regarding advancement in Artificial Intelligence in the university.

### Professional Certificates

- [Azure AI Engineer Associate\(AI 102\)](#)
- [Deep Learning Specialization\(5 Courses\)](#)

Microsoft  
DeepLearning.AI, Coursera

## SKILLS & INTERESTS

**Language:** C++| Python | Java | Rust | Dart | Swift | HTML    **Databases:** Google Firebase | MongoDB | SQLite

**Framework:** Android Studio| Flutter | Flask | Django | Xcode    **VCS:** Git | CVS

**Cloud:** Azure | AWS    **Soft Skills:** Public Speaking | People Management | Project Management

**Interests:** Computer Vision and segmentation | Augmented Reality and Virtual Reality