

SANJOY PATOR

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EDUCATION

Assam Engineering College *Assam, India*
B.Tech Computer Science 2018-22

St Marys school and MPHS *Assam, India*
schooling 2018

PROJECTS

Sign Language Recognition *June 2021*
TensorFlow, Keras, OpenCV *Mini Project, 6th sem*

- Detection of Sign language in real time using **SSD-mobilenetv2 model**
- The model can recognize more than 1 hand simultaneously with good accuracy
- [Demo Video](#) — [\[Github\]](#)

Vaccine Details India *May 2021*
Flutter, Dart

- User can search for available slots according to state-districts or by pin-code
- Data is loaded from **API Setu - Co-WIN Public APIs** by gov. of India
- **Low-size** (only 6 MB) and super fast
- App is **published on Google Play store** (1000+ downloads)
- [Google play store link](#) | [demo video](#) | [\[Github\]](#)

LEADERSHIP AND ACHIEVEMENTS

Clubs: Core member of AEC coding club, Core assistant member of AEC Robotics club

Ranking: Assam - State Engineering Entrance Exam government - CEE rank - 1,236

Competitive programming : [Leetcode ac link](#) | [HackerRank](#) | [GFG ac link](#) |
3rd rank in Study Jam Session for Competitive Programming and DSA, AEC

YouTube Channel : 10k+ views (coding related)

Courses: [AWS Machine Learning Course - Udacity](#) | [Explore ML Workshop Beginner Track by Google AI](#)

Hackathons: [Internal Hackathon for Smart India Hackathon selection certificate](#)

EXPERIENCE

Digital Product School *Munich, Germany*
SE intern Sep-Dec 2021

- Problem Space : "Creating a product that would help companies to easily and securely exchange carbon footprint data with each other"
- Using SAP CAP with Nodejs and hana to build the backend
- [Offer letter link](#)

Zephyr Solutions *Guwahati, Assam*
SDE intern Jun-Aug 2021

- Online Document Editor built on top of **Django**
- **CRUD docs**, chatbot, authentication, spell-check, privacy mode, **print pdf**
- [Demo Video](#) — [\[Certificate\]](#)

IASST, Govt. of India *Guwahati, Assam*
Research intern Oct-Dec 2020

- Analysis of different **deep learning architectures** for multi-class classification of **cervical cancer**
- model and research notes were submitted to the institution for further work
- Internship was done under Dr. Lipi B. Mahanta
- [Certificate link](#)

PSG College of Technology *Aug-Sep 2020*
SE intern *Coimbatore, Tamil Nadu*

- Developed a **chatbot** from scratch that can give response to ML related queries
- Created an **ANN model** in tensorflow - **NLP**
- Integrated that DL model with **flask** web app - **REST API** to return a **JSON** object as a response **Deployed** on Heroku
- Created a basic **android app (Java)** that gets the user query and does the **API request** to the server.
- [\[Github\]](#) | [Blog](#) | [Video](#) | [Certificate link](#)

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, MySQL, Dart

Frameworks: Flutter, Django, Flask, Node.js, React, TensorFlow, SAP CAP

Developer Tools: Git, Anaconda, Android Studio, Cloud Platform, VS Code, Databases