

RAVI PRAVEEN GALI

Stony Brook, NY

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EDUCATION

Stony Brook University

Master of Science in Computer Science

Stony Brook, NY

2023 - present

BML Munjal University

Bachelor of Technology in Computer Science and Engineering

Gurgaon, India

2019 - 2023

SKILLS

Technical Languages

Python, C++, Ruby, Java

Development

Django, Flask, Ruby on Rails, HTML, CSS, JS, MERN Stack

Databases

MySQL, PostgreSQL, MongoDB, Neo4j

ML/AI Libraries

Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Pytorch

Tools & OS

Git, Docker, Jira, AWS, MS Office, Linux, Mac, Windows

EXPERIENCE

Software Engineering Intern

Yubi

Oct 2022 - April 2023

Chennai, India

- Worked as a backend intern to develop the integration software using Ruby on Rails and PostgreSQL.
- Integrated multiple clients to the platform and developed new features pertaining to clients.
- Made automation related smart actions for forest-admin interface and bug fixes directly in production.

Backend Engineer Intern

Sabudh Foundation

April 2022 - October 2022

Mohali, India (remote)

- Depression Detection Project as a Backend Developer in Python using Flask.
- Development of API for the project related to user registration to connecting with ML model.
- The PostgreSQL database has been used to store and perform the operations on the data.

PROJECTS

Prioritized Movie Recommendation. Developed a web interface that takes a movie as an input, based on its similar Genre, Directors, Writers and Actors, movies will be recommended.

Tech stack used: Neo4j, Python, Bert, TensorFlow and Flask

Online Attendance System(Capture). Developed a web interface that uses face recognition technique to mark the attendance of the students. Different interfaces for teachers and students were built. The Attendance is marked based on unique code generated using class, date, and time.

Tech stack used: Python, Open CV, MongoDB, Flask

Video Streaming Web Application(VidStream). Developed a web interface that allows user to logins using Google Auth to watch or to create a stream using RTMP server and OBS Studio to stream video in real time.

Tech stack used: Node, React, Redux

EXTRA-CURRICULAR ACTIVITIES

- Winner for the problem statement number VS933 in **Smart India Hackathon** (National Wide Hackathon)
- Add-ons for Opensource, **Blender**, which are [PBR-Perfect](#) and [Gshadow](#) which were developed for my [renders](#).
- Served as Vice President of BML University Robotics Club and Organiser for RoboWar event.
- 2nd Rank in Zeal Hackathon and Top 50/10718 members in Scaler's Hackx.