

Jatin Kshatriya

EDUCATION

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

ARTIFICIAL INTELLIGENCE AND DATA
SCIENCE DEPARTMENT OF
COMPUTER SCIENCE

July 2024 | Madhya Pradesh, IN
College of Engineering
CGPA: 8.45 / 10

LINKS

Github:// **Jatin-tec**

LinkedIn:// **JatinKshatriya**

COURSEWORK

UNDERGRADUATE

- Database Management System
- Operating Systems
- Artificial Intelligence + Practicum
- Introduction to Cloud Computing
- Introduction to Machine Learning
- Introduction to Data Science
- Functional Programming
- IOT Architecture.

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Javascript

Over 1000 lines:

• C • C++ • CSS • MySQL
• MongoDB • HTML5

FRAMEWORKS

• React • Django • Node/Express
• Firebase SDK

EXPERIENCE

KAIZEN YOUNG CONSULTANT | WEB DEVELOPMENT INTERN

December 2020 – December 2021 | Pune, Maharashtra

- worked on adding additional features and database migration in educational website **My Question Box** (back-end written in django) and deployed the applied changes.
- maintained and updated CMS of News app **Live VNS** which has over 100K downloads in play store,
- Led and Designed back-end - Designed back-end in Firebase SDK and Integrated it in react front-end application for an startup **Billify**.

RESEARCH

SANSKRIT TO HINDI TRANSLATION | NEURAL MACHINE TRANSLATION (NMT)

Working on an augmented translation technique for low resource language pair: Sanskrit to Hindi translation.

HACKATHONS

2022 SIH(SMART INDIA HACKATHON) NATIONALS

A conversational chatbot builder to enable no-code template based chatbot for troubleshooting questions, trainings, problem diagnostics.

CLUBS

TECHNICAL CULB FLUX

- build a line following robot(Meshmarize) using Aurduino UNO and IR sensors for IIT bombay tech-fest.
- build a maze solving robot(Micro Mouse) using Ardino Nano and Ultrasonic sensors for IIT bombay tech-fest..
- currently working on model rocketry enabling thrust vector control (TVC).

PROJECTS

HAND WRITTEN DIGIT RECOGNITION

A custom Feed Forward Neural Network for hand written digit recognition.

TEXT CLASSIFICATION

A text classifier using google BERT.

DEPARTMENT WEBSITE

Lead, designed and developing institution department website for managing attendance, courses and generating student report.