



# Ankit Khurana

Instrumentation & Control Engineering

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Website | LinkedIn | GitHub

## EDUCATION

B.Tech	2020-2024	Netaji Subhas University of Technology	7.80
CBSE (Class XII)	2020	K.R. Mangalam World School	92.6
CBSE (Class X)	2018	K.R. Mangalam World School	89.5

## INTERNSHIP/S

### Summer Intern, Credex Technology, Uttar Pradesh

(June'23-July'23)

- Credex Technology is a leading global digital product engineering information technology services company.
- Collaborated with the research and development team to build machine learning models and algorithms.
- Collected, preprocessed, and analyzed large-scale data to derive meaningful insights.
- Conducted experiments to fine-tune model hyperparameters and improve overall performance.

## PROJECTS

### Portfolio Website - WebDev

(Jan'22-Feb'22)

- Developed a static website that showcases my talent as a developer.
- Hosted at [ankitgmf.github.io](https://ankitgmf.github.io)
- Used: JavaScript, HTML / CSS, Three.js, Rollup, Svelte
- GitHub Repository: [github.com/AnkitGMF/AnkitGMF.github.io](https://github.com/AnkitGMF/AnkitGMF.github.io)

### Chat App - Full Stack Software Development

(Mar'22)

- Developed a chat app with custom REST endpoints built over node.js using express.
- Used: Node.js, express, JavaScript, Svelte, HTML / CSS, uuid, cookie-parser
- GitHub Repository: [github.com/AnkitGMF/chatApp](https://github.com/AnkitGMF/chatApp)

### DankFootball Website - Full Stack Software Development

(Dec'22)

- Collaborated on a responsive football website.
- Designed and implemented microservices responsible for fetching and aggregating data.
- Used: Node.js, express, JavaScript, React, Passport.js
- GitHub Repository: [github.com/aditya-mehrotra/DankFootball](https://github.com/aditya-mehrotra/DankFootball)

### Playing Cards Classification - Machine Learning

(June'23-July-23)

- Developed a Convolution Neural Network to classify images of playing cards.
- Performed hyperparameter tuning to achieve the best model.
- Achieved an accuracy of 87.9%
- Used: Python, TensorFlow, Scikit-Learn, Numpy, Matplotlib
- Jupyter Notebook : [colab.research.google.com/drive/1\\_F-2sPAzgGTKh\\_iDBjLMcsQNcU8BDeJs?usp=sharing](https://colab.research.google.com/drive/1_F-2sPAzgGTKh_iDBjLMcsQNcU8BDeJs?usp=sharing)

## TECHNICAL SKILLS

**Programming & Scripting Languages:** C++, C, JavaScript, TypeScript, Python, HTML, CSS

**APIs & Technologies:** NodeJS, ExpressJS, MongoDB(mongoose), ReactJS, Svelte, WebSockets(Socket.io), TensorFlow

**Tools:** Git, GitHub, Amazon Web Services(AWS), Docker

**Relevant Coursework:** Computer Programming, Data Structures & Algorithms, Database Management System, Operating System

## POSITION OF RESPONSIBILITY

- Member of International Organization of Student Developers (IOSD) Junior Counsel.