

Aayush Kumar

aayushkumar.com
aayushkumr25@gmail.com | +91 9136658663 |

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA
COMPUTER SCIENCE
2021 - Present
Grad.- 06/2025

ARAVALI INTERNATIONAL SCHOOL
SCIENCE
Grad. May 2021 | Faridabad, India
Grade - 95%

SKILLS

Programming

• C/C++ | Java | Python | JavaScript | TypeScript

FrameWork & Libraries

• React.js | Redux | Node.js | Next.js | TailWind CSS | Framer-motion | Numpy | Pandas

Tools

• Shell | Git | Linux

Technologies

• TensorFlow | NLP | Regression Techniques | SQL

CERTIFICATES

- **Machine Learning Specialization** - offered by University of Washington
- **Generative AI Fundamentals** - offered by Google Cloud
- **DSA Specialization** - offered by University of California San Diego
- **Designing User Interface and Experiences** - offered by IBM

LINKS

Github:// [AayushKumr](#)

LinkedIn:// [aayush-kumr](#)

GoogleCloudSkillsBoost:// [Aayush Kumar](#)

Medium:// [@aayushkumr25](#)

AWARDS

3rd/52

ChatBot Building Competition(2022)

Gold Medalist

State Level Taekwondo(2020)

Gold Medalist

District Level Skating(2019)

WORK EXPERIENCE

FOREO SWEDEN | GENERATIVE AI INTERN

August 2023 - Present | Remote

- Developing an end-to-end automated system that prompts a script generated by Bard and create an automatic video creation using stock videos and AI Tools.

RESEARCH EXPERIENCE

MACHINE LEARNING LAB | UNDERGRADUATE RESEARCHER

March 2023 - May 2023 | Kurukshetra

Link:- [GitHub](#) | [Web-App](#)

- Worked with **Anoop Kumar Patel** to create a **Potato Disease Classifier**
- Developed a highly accurate system with an accuracy of **99.8 %** for detecting potato diseases using VGG16 and VGG19 convolutional NN architectures.
- Created an interactive web page using React and Node.js to deploy the model.

PROJECT(S)

RESPONSIVE FULL-STACK SPOTIFY CLONE

TECHNOLOGY: REACT.JS, NEXT.JS, TYPESCRIPT | LINK:- [GitHub](#) | [Web-App](#)

- Developed a Spotify-inspired app with Stripe payments, Tailwind UI, and Supabase authentication, user validation, and dynamic UI components.
- **Features Include:-** Song upload, Player component, Liked Songs Playlist.

MUSIC RECOMMENDATION SYSTEM USING SPOTIFY API

TECHNOLOGY: PYTHON | LINK:- [GitHub](#)

- Developed a music recommender system that achieved 20% accuracy enhancement through content-based filtering, K-means clustering, and cosine similarity for personalized recommendations.
- **Used Libraries** Python - sklearn, matplotlib, clusters, scipy.

DIABETES PREDICTION MODEL

TECHNOLOGY: PYTHON | LINK:- [GitHub](#)

- Utilized data preprocessing techniques and applied various classifiers to develop a high-performing model with an impressive accuracy of **76%**.
- **Used Libraries** Python - sklearn, matplotlib, pandas.

EXTRACURRICULAR

STREET UNDERCONSTRUCTION CREW | PRESIDENT

- Dance Crew of NIT Kurukshetra.
- **Winner** of TIET'22 | **Finalists** at Rev-up II & IIT Delhi'23 | Runner-ups in SBSC'23, IIT Ropar'23, NITJalandhar'23, PEC'22.

TEDXNITKKR | CO-ORGANIZER

- Responsible for Successfully Organizing TEDx Event for the 1st time in our college.

COLOURS | SOCIAL MEDIA HEAD | MENTAL HEALTH CLUB

- Responsible for handling official **Instagram/LinkedIn** page of Organization.