

CHAHAT MITTAL

Raipur, Chhattisgarh, India

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🌐 [Chahat Mittal](#)

🔗 [Chahat-M](#)

EDUCATION

International Institute of Information Technology (IIIT), Naya Raipur

Dec 2020 - May 2024

Bachelor of Technology (ECE) - **CGPA - 9.00/10**

Naya Raipur, India

O.P Jindal School

Mar 2020

Senior Secondary High School, Class XII - **Percentage - 95.2%**

Raigarh, India

O.P Jindal School

Mar 2018

Secondary High School, Class X - **Percentage - 96.8%**

Raigarh, India

TECHNICAL SKILLS

Languages: C++, Python, SQL, Rust, C, Java

Developer Tools: VS Code, Jupyter Notebook, MySQL, NetBeans, Oracle, MATLAB

Technologies/Frameworks: GitHub, Git, Linux, OpenCV, NumPy, Pandas, Matplotlib

PROJECTS

FinanceLib 🔗

Tech Stack - Python, NumPy, Pandas, Matplotlib, Git

- Published a **python library** on PyPI that visualizes and analyses key **finance matrix** 🔗
- It has **5K+ downloads** with a rate of **200+ downloads/month** (as of Sept 2022) 🔗

kilo-ed-rust

Tech Stack - Rust, Cargo, Git, Linux

- Building my own **terminal based text editor** including basic features.
- It includes features like Search, Syntax highlighting etc.
- Inspired by Build Your Own Text Editor blog in C. 🔗

Transportation Problem LPP 🔗

Tech Stack - C++, Git, Linear Algebra

- Solved Transportation Problem, a kind of **Linear Programming Problem**
- Developed a model to **generate optimum cost** and Initial Basic Feasible Solution (IBFS).

Mushroom Disease Detection using Android App

Tech Stack - Python, OpenCV, Tensorflow, Keras, Tensorflow Lite

- Designed a Deep Learning model to classify mushrooms as healthy, bacterial, fungal and viral.
- Deployed the designed model to a lightweight, user-friendly Android App for easy use.
- Applied several Image processing techniques like Otsu's Binary Thresholding using Computer Vision.

COURSEWORK

- | | | |
|--------------------------------|----------------------|--------------------|
| • Data Structures & Algorithms | • Operating Systems | • Data Analytics |
| • Machine Learning Algorithms | • Internet of Things | • Statistics |
| • Linear Algebra | • Calculus | • Entrepreneurship |

SCHOLASTIC ACHIEVEMENTS & EXTRACURRICULAR

- Junior Placement Coordinator**, Training and Placement Cell, IIIT-Naya Raipur (May 2022 - Present)
- Core member of AIML Club**, IIIT-Naya Raipur (Mar 2022 - May 2022)
- Open Source Contributor** at Girsript Summer of Code, GSSoC'22 (Mar 2022 - May 2022)
- Successfully **built and compiled a Linux kernel** in 3rd semester itself.
- Winner** of Coding Competition held at school in Java language, 2020