

Abhinav Kumar

✉ abhinav.kumar@iiitg.ac.in

☎ +91 8235484476

🐙 GitHub

🌐 LinkedIn

📁 Portfolio

EDUCATION

Indian Institute of Information Technology, Guwahati

B.Tech in Computer Science
Expected Grad. May 2024

CPI: 8.98

Himalayan International School

Patna

Grad. Apr 2020

Senior Secondary Exam: 93.6%

SKILLS

Languages:

Python, Rust,
JavaScript, HTML-CSS

Frameworks:

React, Flask, React Native,
Tailwind CSS

Databases:

MySQL, MongoDB

Tools:

Linux, AWS, Git,
Jenkins, Docker

COURSEWORK

Data Structure & Algorithms
Object-oriented Programming
Database Management
Operating Systems
Cloud Computing
Machine Learning

Certifications

HTML, CSS, and JavaScript for
Web Developers - [Coursera](#)

Blockchain Specialization
Course - [Coursera](#)

Last Updated on: 31.07.2023

EXPERIENCE

Tekizma Inc.

Intern

Dec 2022 – Apr 2023

Remote

- Implemented several machine learning algorithms for big data using **Pyspark MLlib** in Datanyx App.
- Parallelized build stages in **Jenkins** pipeline.

PROJECTS

Cryptile Desktop App and CLI tool (Ongoing) | [GitHub](#)

- A Tool to securely Encrypt and Decrypt files using a password.
- Uses Military Grade AES256 Encryption.
- Encryption tool built in **Rust** and cross-platform app using **Tauri** Framework.

Parko A Parking Booking and Management App Group Project | [GitHub](#)

- Mobile App to find and reserve Parking Spots in your city.
- Cross-platform App built using **React Native**.
- Backend APIs in **Python** using a **MySQL** Database.

Sound Snipper Audio Extraction & Sharing Tool Group Project | [GitHub](#)

- A web based application to extract audio from a video, clip, comment with timestamps, save and share with everyone.
- Client made using **React** and **Tailwind CSS**.
- Server APIs in **Python Flask** with a **MongoDB** Database.

Hotel Management System Web based App Course Project | [GitHub](#)

- A Web App to ease managing details and status of a hotel
- Frontend made using **Tailwind** and **JavaScript**.
- Backend using **Python Flask** with a **MySQL** connection.

POSITION OF RESPONSIBILITY

IIITG Programming Club

Co-ordinator

Sep 2021 – Mar 2022

- Conducted numerous activities and competitions under the Programming club.