Abhinav Kumar

✉ abhinavk08@outlook.com
📞 +91 8235484476
GitHub
LinkedIn
Portfolio

EDUCATION

Indian Institute of Information Technology, Guwahati
B.Tech in Computer Science
Expected Grad. May 2024
CPI: 8.82

Himalayan International School
Patna
Grad. Apr 2020
Senior Secondary Exam: 93.6%

SKILLS

Languages:
Python, JavaScript,
Rust, Solidity, HTML-CSS

Frameworks:
React, Django, Flask,
React Native, Tailwind CSS

Databases:
MySQL, MongoDB,
Postgres, Redis, Snowflake

Other Tools:
Linux, AWS, Airflow,
Jenkins, Docker, Git

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

Achievements

National Finalist - Flipkart GRID 5.0 hackathon

EXPERIENCE

Branch International   Jan 2024 – Present
Engineering Intern   Remote
- Creating and Managing Data Pipelines with **Apache Airflow**.
- Working with and Managing **Sisense CDT** BI platform and **Snowflake** Warehouse.

Tekizma Inc.   Dec 2022 – Apr 2023
Intern   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
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.

POSITION OF RESPONSIBILITY

IIITG Programming Club   Sep 2021 – Mar 2022
Co-ordinator
- Conducted numerous activities and competitions under the Programming club.