Abhinav Kumar

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⌾ GitHub
in 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, Ruby, JavaScript,
Rust, Solidity, HTML-CSS

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

Databases:
MySQL, MongoDB,
Postgres, Redis

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

EXPERIENCE

Branch International   Jan 2024 – Present
Engineering Intern   Remote
- Worked on a feature design & implementation on **Ruby on Rails** Backend server.
- Creating and Managing Data Pipelines with **Apache Airflow** .

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.

Last Updated on: 27.01.2024