

# Ichan Kabir

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## Education

### NIT SILCHAR

B. TECH (ELECTRONICS & INSTRUMENTATION)

2019-23

Silchar, Assam

CGPA: 9.01 / 10 (till 5th sem)

### RAMANUJAN JR. COLLEGE

12TH | SEBA

2017-19

Nagaon, Assam

Percentage: 90.4%

## Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Database Management System
- Computer Networks

## Skills

### PRIOR EXPERIENCE

Data Structures and Algorithms

Java • JavaScript • Node.js • MongoDB

React.js • Html • css

### FAMILIAR

Python • Django • PostgreSQL

### TOOLS

Git • GitHub • Ubuntu • VSCode

## Achievements

- Selected in Amazon ML Summer School 2022 out of 19000+ applicants
- Won the promising contributor prize at Soda OSI Hackathon 2021
- Selected in the top 200 globally in Route Mobile Hackathon 2021
- Selected in Myntra HackerRamp Campus Edition 2021
- Got 180 global ranks out of 11000+ participants in CodeChef starters 41
- Cleared 1st round of JusPay Hiring Challenge 2022
- Solved 600+ problems including all platforms

## Links

Portfolio: [ichankabir.tech](https://ichankabir.tech)

GitHub: [ikabir21](https://github.com/ikabir21)

LinkedIn: [ikabir](#)

LeetCode: [ikabir](#)

CodeChef: [ikabir21](#)

GeeksforGeeks: [blackbyte](#)

## Extra Curricular

### ECELL NIT SILCHAR

TECHNICAL TEAM MEMBER

### CODING CLUB NIT SILCHAR

ACTIVE MEMBER

## Experience

### S.N. BOSE INTERNSHIP

NATIONAL INSTITUTE OF TECHNOLOGY

06/2022–present

Silchar, Assam

- Developed a digital platform for document management
- Key Features
  - Two factor authentication
  - approval workflow and automatic retention
  - Payment gateway integration

### E2A INTERNATIONAL CONFERENCE

NATIONAL INSTITUTE OF TECHNOLOGY

05/2022–present

Silchar, Assam

- Build a website for Emerging Electronics and Automation (E2A)
- Actively updating as per requirements
- Website Link

### FULL STACK INTERN

RECRUITING MONK

05/2021–06/2021

Remote

- Developed a web scraping tool to gather user profiles and a dashboard for profile management.
- Build the backend of a browser extension, which is used to assist recruiters.
- Contributed in the frontend of MERN stack build of Recruiting Monk

## Recent Projects

### FABBL

01/2022–03/2022

Node.js, React.js, MongoDB, Socket.IO

- Built an anonymous messaging app with authentication and end-to-end encryption providing real-time messaging, notifications and matches
- An algorithm is developed to find the perfect match based on user interest
- User can add/block friend, edit/delete profile, report fake account

### ASYNCHRONOUS YOUTUBE SEARCH

11/2021–12/2021

Django, PostgreSQL, Celery, Rabbitmq-Server

- Designed a server which calls the YouTube API continuously in background (async) with an interval of 10 seconds for fetching the latest videos for a predefined search query
- Created a GET API which returns the stored video data in a paginated response sorted in descending order of published datetime
- Support for supplying multiple API keys so that if quota is exhausted on one, it automatically uses the next available key
- An admin panel to view the stored videos with filters and sorting options

### BT REAL ESTATE

07/2021–12/2021

Django, PostgreSQL

- It is a dynamic real estate website to list and buy homes, apartments, and houses
- Users can login, search, browse property listings and make inquiries about specific property
- Developed admin dashboard for managing the application.