



# Saquib Ali

Roll No.: 2021UG2015

Bachelor of Technology

Electronics and Communication Engineering

Indian Institute Of Information Technology, Ranchi

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## EDUCATION

### Indian Institute Of Information Technology, Ranchi

2021 – Present

B.Tech Electronics and Communication Engineering (Hons) | CGPA: 8.97

Ranchi

## SKILLS

**Programming:** C++, JavaScript, Typescript

**Frameworks/Libraries:** ReactJs, NextJs, TailwindCss, NodeJs, ExpressJs, Framer Motion, Hono

**Tools:** Git, GitHub, Visual Studio Code, Postman, Figma, Prisma

**Databases:** mongoDB, MySQL, PostgreSQL

**Others:** Data Structures & Algorithms, Docker, Cloudflare, AWS

## PROJECTS

### Academia Stacks

Mar'23

Built a college note aggregation platform within **20 days**, improving student access to study materials.

GitHub | Website

– **Designed and implemented** a user interface using **React** and **tailwind** for a smooth user experience.

– **Key Features** Includes access to **hundreds** of PYQs, assignments, notes, and handouts for **authorized** users, benefiting **500+** students.

– **Enhanced Usability Incorporated** real-time upvote and filters, allowing users to easily search, prioritize relevant materials.

### URLwee

Jan'2024

Developed an advanced URL shortener with comprehensive tracking and management features.

GitHub | Website

– **Engineered** a robust system allowing users to create and manage **100+** **shortened URLs**, each trackable via a personalized dashboard.

– **Integrated** real-time tracking with **location-based analytics**, displaying hit data on a map using **react-jvectormap**. **QR code** generation for each URL using **react-qr-code**.

– **Enabled** detailed logging of **URL hits**, including timestamps and locations, with data available for download and analysis.

– **Utilized React** and **ShadCN** for a seamless UI/UX, with **Node.js** powering the backend services.

### Nyaylok

2023

Engineered an advanced **case management system** for the Indian judiciary, designed for SIH 2023

GitHub | Website

– **Collaborated** with a team of 4 to create a user-friendly interface using React, Tailwind, and Framer Motion, enhancing **case tracking and management efficiency**.

– **Devised** algorithms for **real-time case prioritization**, ensuring that **1000+** **cases** receive timely attention.

– **Emphasized** on improving transparency and victim engagement, fostering greater trust within the legal system.

– **Implemented** Express, and **Redis** for efficient backend operations and caching.

## ACHIEVEMENTS / CERTIFICATIONS

• **Contributed** to the development of AcademiaStacks in the **Solution Challenge Hackathon** [Certificate](#)

• Used DSA to solve **300+** questions on LeetCode, ranking in the top **18%** of the LeetCode Leaderboard.

• **Secured** a rank of **2000/15000** in LeetCode Biweekly Contest 134.

• **Participated** in **Smart India Hackathon 2023** and cleared college rounds to develop Nyaylok, a web app to assist the Indian judicial system.

• Completed **DSA certification** from LearnYard under Fraz's mentorship. [Certificate](#)

• Completed **Web Development certification** by Angela Yu on Udemy. [Certificate](#)

## POSITIONS OF RESPONSIBILITY / CO-CURRICULAR

### IIIT Ranchi (Class Representative)

Aug' 21 – Present

– Facilitated communication between students and faculty, and managed event organization and record-keeping.

### House of Geeks (Member)

– Attended seminars on **Machine Learning**, **AI**, and **Web3** to stay updated with emerging technologies