

# Shubhradeep Das

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## Education

**Indian Institute of Technology, Guwahati**  
*B.Tech in Electronics and Communications Engineering*  
2020 - 2024

Guwahati, INDIA

## Technical Skills

**Programming Languages:** Golang, Python, C/C++, Java

**Web Technologies:** NodeJs, ReactJs, Django

**Operating Systems:** Windows, Linux

**Database Management:** MySQL, MongoDB

**Miscellaneous:** Git, Docker, Postman, AWS

## Experience

**Zidio Development**  
*Web Development Intern*  
Remote

Aug. 2024 - Present

- Coordinated in designing and development of JobList Portal using MERN Stack
- Devised a Dockerized Architecture with multi-container setup using Docker Compose, achieving 30% reduction in deployment time

## Projects

**RSS-Aggregator**  
*Personal Project*  
Golang, PostgreSQL, REST API

Jul. 2024

GitHub

- An application that fetches RSS feeds from news websites and stores the content in a database. Users can create personal account, upload favorite feed URL, follow other feeds and view posts
- Developed APIKey-based authentication for users and built features for creating, following, viewing, and deleting feeds using REST APIs. Stored user data, feed following information, and fetched posts in an SQL database
- Scraped feeds concurrently from 10 websites at a time using synchronized Go-Routines, achieving 10 times reduction in fetching time. Periodic feed fetching occurs at 1-minute intervals

**JOSAA Analyser**  
*Coding Club, IITG*  
ReactJS, SQLite, Django, ChartJS

Jun. 2023 - Jul. 2023

GitHub

- Built a website for analyzing JOSAA Counselling data, providing comprehensive visualizations of the evolving opening and closing ranks of IITs across 10 years
- Performed web scraping of JOSAA Data using BeautifulSoup library and stored data in SQLite database
- Implemented interactive data analysis charts on the website, allowing users to explore and compare acceptance ranks of the institutes and branches 4 times faster

**CallEdge**  
*Coding Club, IITG*  
NodeJS, WebRTC, SocketIO, PeerJS, EJS, PassportJS, MongoDB

Jun. 2022 - Jul. 2022

GitHub

- A real time video conferencing web application using PeerJS and SocketIO, enabling seamless and low latency communication between users
- Implemented a user friendly meeting scheduling system with a shareable meeting ID, chat functionality, whiteboard feature, and screen sharing capabilities
- Achieved maximum meeting capacity with 10 peer to peer connected users streaming videos simultaneously

## Achievements & Certifications

- Leetcode** - Achieved Contest Rating 1511 and ranked in the top 39%
- Kriti 2023** - Lead the Hostel team and secured Rank 4 among 11 hostels in Kriti 2023 (Software Development Module)
- NinjaPrestige Contest by CodingNinjas 2021** - Secured Institute Rank 41 in NinjaPrestige Coding Event organized by CodingNinjas

## Extracurricular

**Joint Cultural Secretary** - Barak Hostel Management Committee, IIT Guwahati

**Forage - J.P. Morgan Software Engineering Virtual Experience** - Participated and completed the Software Engineering Simulation by JPMC on Forage Platform. Earned Certificate of Completion

**Web Operations Team - Cepstrum, IIT Guwahati** - Conducted events and Developed an alumni payment portal with Razorpay payment gateway