

# Anurag Parashar Sarmah

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## EDUCATION

### CHRIST (Deemed to be University)

Master of Computer Applications, 78%

Bangalore, Karnataka

July 2023 – Present

### Darrang College (Affiliated to Gauhati University)

Bachelor of Science, Honours in Chemistry, 86.8%

Tezpur, Assam

August 2019 – May 2022

### Tinsukia English Academy (Affiliated to CBSE)

AISSE (Class 10), 95% and AISSCE (Class 12), 82.4%

Tinsukia, Assam

Graduated May 2018

## PROJECTS

### OnClique | React, Node.js, Express.js, Recoil, Firebase, D3.js, OpenAI API, Docker

[Source Code](#) | [Demo](#)

- Deployed a full-stack Placement Training Application using React, Node.js, and Express.js, serving 194 students at Christ University.
- Configured Recoil for efficient state management and leveraged D3.js for data visualization of student performance analytics.
- Integrated Firebase services for secure authentication, real-time database, and cloud storage solutions.
- Boosted student performance in coding challenges by 70% through targeted training modules.

### CampusNest | React, Node.js, Express.js, MongoDB, Cloundinary, Google Maps API

[Source Code](#) | [Demo](#)

- Developed a PG/Hostel search platform for SG Palya, Bangalore, with potential to serve 30,000+ students.
- Implemented user review system and innovative roommate matching algorithm to enhance user experience.
- Integrated Stripe Payment Gateway for secure and seamless booking transactions.
- Utilized Google Maps API for location-based services and Cloundinary for efficient media management.
- Presented the project at International Conference on Engineering Advancements and Sustainable Development (ICEASD 2024).

### Silhouette | Next.js, TypeScript, MongoDB, Zod, NextAuth.js, Resend, Tailwind CSS

[Source Code](#) | [Demo](#)

- Architected an anonymous critiquing platform using Next.js and TypeScript, focusing on user privacy and data security.
- Designed a user dashboard for efficient feedback management and visualization.
- Integrated NextAuth.js for robust authentication and Resend for reliable email verification services.
- Employed Zod for comprehensive schema validation, decreasing data-related errors by 95%.
- Incorporated a unique public link generation system for personalized anonymous feedback collection.

### No Fine | Python, Selenium, Flask, Kotlin, TensorFlow, AWS EC2

[Source Code](#) | [Demo](#)

- Engineered a hostel attendance tracking application for Christ University, tested by 50+ users with scalability to 1000+ users.
- Developed Android frontend using Kotlin and implemented Python backend with Flask, hosted on AWS EC2.
- Integrated TensorFlow-based ML model for user authentication with an accuracy of 99%.
- Achieved 100% reduction in fine rates for all active users through automated attendance tracking.

## LEADERSHIP EXPERIENCE

### Placement Representative

Christ University, Bangalore

June 2024 – Present

### Event Head

Revelations 2024, Gateways 2023, Christ University, Bangalore

April 2024, October 2023

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, C/C++, GO, Kotlin, SQL

**Web Technologies:** HTML5, CSS3, RESTful APIs

**Frameworks & Libraries:** React, Express.js, Next.js, Redux, Recoil, D3.js, Zod, Flask, Material-UI, Tailwind CSS

**Developer Tools:** Git, Docker, Postman, NPM, VS Code, Visual Studio, IntelliJ, Android Studio

**Database & Cloud:** MongoDB, Firebase, AWS EC2, MySQL