

Aniket Mandal

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EDUCATION

- **RCC Institute of Information Technology (RCCIIT)** Kolkata, WB, India
Bachelor in Technology (Computer Science and Engineering); CGPA: 8.93 July 2020 - June 2024
- **Hathuba Adarsha Bidyapith(H.S.)** Hatthuba,WB,India
12th (PCM) Percentage: 77.6 June 2018- May 2020
- **Hathuba Adarsha Bidyapith(H.S.)** Hatthuba,WB,India
10th Percentage: 74.58 June 2017- May 2018

SKILLS SUMMARY

- **Languages:** JavaScript, HTML5, CSS3, JAVA, SQL, Bash/Shell
- **Libraries and Frameworks:** ReactJS, FastAPI, ExpressJS, NodeJS, Semantic UI, Bootstrap, Tailwind, Material UI, Google APIs
- **Tools and Platforms:** Linux, VS Code, Slack, Heroku, Git, Bash/Shell
- **DBMS/RDBMS:** PostgreSQL,Supabase, MongoDB, Firebase

EXPERIENCE

- **National Institute of Industrial Training** Kolkata, India
Trainee Software Engineer(Full Stack Web Development) Jul 2023 - Aug 2023
 - **Developed** a banking system web application to manage user accounts, transactions, and balance tracking.
 - Implemented secure authentication and authorization for users.
 - Built features like deposit, withdrawal, and transaction history.
 - **Tech Stack:** MERN Stack, JWT Authentication.
- **RCC-SWC Regalia'23** Kolkata, India
Database Management Apr 2023 - May 2023
 - **Designed database** for Regalia fest using Supabase.
 - **Utilized Row-Level Security (RLS)** for data protection.
 - **Event Entry Automation** that timestamps and records successful entries in the SQL db by scanning the QR code.
 - **Admin Dashboard** for Sponsor Management, stringent deadlines for production build.

PROJECTS

- **Techtrix'22 Backend:** Handled registrations in Techtrix, RCCIIT's Tech fest for 435+ participants, 60+ coordinators, and 560+ event registrations without encountering a single production bug. **Multiple access** levels for co-ordinators, professors, and participants. **Tech Stack:** FastAPI(Python), MongoDB, Heroku, ReactJS.
- **GOT'23 Website:** Web Portal for College Sports Tournament which handled numerous features **event registration, payment status updation, coordinator dashboard, and admin dashboard Multiple access levels** for co-ordinators, and participants. **Tech Stack:** React, Firebase, React-Bootstrap.
- **Crack It'23 Website:** Developed a web application providing curated notes, interview resources, mock tests, and personalized dashboards. Implemented secure JWT-based authentication to manage user sessions and ensure data integrity. **Integrated user activity tracking, performance analytics, and a discussion forum for collaborative learning.** **Tech Stack:** React, Node.js, Express.js, MongoDB, JSON Web Token, Socket.IO, Chart.js.

HONORS / AWARDS / ACHIEVEMENTS

- **IJSREM Journal: Artificial Intelligence (Paper ID: IJSREM12824):** Research focusing on how AI can contribute to improving various aspects of the world.
- **Web & App Team Lead – GDSC RCCIIT (2022–2023):** Coordinated tech initiatives and mentored student-led development projects.
- **HARSH AND PAYAL HADA FOUNDATION Scholarship Recipient:** Awarded a merit-based scholarship for academic excellence and performance.
- **Java Programming Course – Apna College:** Completed a comprehensive Java course focused on Data Structures and Algorithms, enhancing problem-solving skills.