Arghya Dutta

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EDUCATION

- **RCC Institute of Information Technology (RCCIIT)**   Kolkata, WB, India
  Bachelor in Technology (Computer Science and Engineering); CGPA: 8.97   *July 2021 - Present*

SKILLS SUMMARY

- **Languages**: JavaScript, TypeScript, HTML5, CSS3, C, C++
- **Libraries and Frameworks**: React.js, Next.js, Redux, Node.js, Socket.io, Express.js, Chakra UI, Tailwind CSS, Bootstrap
- **Tools and Platforms**: VS Code, Replit, Netlify, Vercel, Git, GitHub, Firebase, Postman
- **Database**: MongoDB, MySQL

POSITION OF RESPONSIBILITY

- **Google Developer Student Clubs - RCCIIT Chapter**   Kolkata, WB, India
  Chapter Lead   *Aug 2023 - Present*
  - Handling the responsibility of the overall functioning of the club and making plans for the successful technical event execution.

PROJECTS

- **Saarthi Chatbot**   TypeScript, React.js, Chakra UI, MongoDB, Node.js, Express.js
  Complete Frontend, Backend, and Database Infrastructure
  - An intelligent chatbot web application, built to assist users. It is powered by the **OpenAI API**.
  - The user authentication system ensures security through **JWT and user passwords are hashed for protection.**
  - This web application is capable of storing chats between the user and the bot and displaying past chats after Sign In.
  - **Links**: **GitHub Repository**. (2024)
- **Blogger's World Web Application**   TypeScript, React.js, Vite, Tailwind CSS, Firebase
  Complete Frontend, Backend, and Database Infrastructure
  - A Blogging web application, where bloggers can write and publish their blogs, and readers can read their preferred blogs.
  - The **react-quill package** is used to design the blog composing section for bloggers and **Google Authentication** for a secure login process through users' Google accounts. And, bloggers can easily manage their profiles in this application.
  - This application offers a user-friendly UI to bloggers to view their blogs and all the comments they received in a single place.
  - **Links**: **Deployed Link**, **GitHub Repository**. (2024)
- **Realtime Editable Doc**   TypeScript, React.js, MongoDB, Node.js, Socket.io Express.js
  Complete Frontend, Backend, and Database Infrastructure
  - This web application is made as a mini clone of Google Docs with **real-time documentation updating** and storing the data in the database.
  - The data is updated in the database after every 2 seconds after the socket connection is enabled.
  - **Links**: **GitHub Repository**. (2024)
- **Innovision Website**   React.js, Tailwind CSS, Firebase
  Developing and maintaining of Frontend and Backend
  - Innovision website streamlines event registration for RCCIIT's departmental fest of CSE Department.
  - It provides real-time updates, secure user authentication, and an intuitive interface for easy exploration and registration.
  - **Links**: **Deployed Link**, **GitHub Repository**. (2023)
- **Rotaract Club of RCCIIT Website**   React.js, Bootstrap, CSS3
  Complete Frontend
  - Rotaract Club of RCCIIT Website is featured with a Home Page for a basic introduction and motto of the club, a Team page to feature team members of different cells of the club, an Event page to feature past and upcoming events of the club with photos and corresponding links and a login and signup page for club members.
  - **Links**: **Deployed Link**, **GitHub Repository**. (2023)

HONORS / AWARDS / ACHIEVEMENTS

- **Web Development Domain Lead @RCCTechz, 2022-23**: I server RCCTechz, the official coding club of RCCIIT as a Web Development Domain Lead from Sep 2022 - Sep 2023.
- **Postman Student Expert**: Certified as a Postman Student Expert for completing API fundamentals course, offered by Postman. **Certificate Link**
- **Hack4bengal 2.0 Finalist**: Our team was selected for the final round of the Hack4Bengal 2.0 hackathon, which was organized at Sister Nivedita University, Kolkata, WB, India. **Certificate Link**
- **Winner: Webify, Innovision 2022**: Secured first position in Webify, a frontend web development competition organized in Innovision 2022 by the Department of CSE, RCCIIT. **Certificate Link**