

Arghya Dutta

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EDUCATION

- **RCC Institute of Information Technology (RCCIIT)** Kolkata, WB, India
Bachelor in Technology (Computer Science and Engineering); CGPA: 8.78 July 2021 - June 2025

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, C, C++, Python
- **Libraries and Frameworks:** ReactJS, Redux, ExpressJS, NodeJS, Django, Tailwind, Bootstrap
- **Tools and Platforms:** VS Code, Replit, Netlify, Vercel, Git, Firebase, Postman
- **Database:** MongoDB

PROJECTS

- **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)
- **Note-Write Web Application** React.js, Tailwind CSS, MongoDB, Node.js, Express.js, JWT
Complete Frontend, Backend, and Database Infrastructure
 - note-taking web application where users can create and manage their accounts and take organized notes with individual titles.
 - The user authentication system ensures security through **JWT encryption and passwords are hashed for protection**.
 - The application offers CRUD functionalities for note management, allowing users to add, edit, and delete notes effortlessly.
 - **Links:** [Deployed Link](#), [GitHub Repository \(Frontend\)](#), [GitHub Repository \(Backend\)](#). (2023)
- **stockXplore Web Application** React.js, Tailwind CSS, Django, Django Rest Framework
Complete Backend, ML Model integration, and Frontend
 - stock price prediction web-app, which leverages a sophisticated ML model to forecast the stock price for the next 30 days.
 - The backend system hosts the machine learning model and provides a RESTful API. Users on the client-site can input a stock symbol, triggering a request to the backend API, which in turn returns the predicted stock prices.
 - The application enhances user understanding by visualizing these predictions through a graph.
 - This integration creates a seamless experience, combining powerful predictive analytics with an intuitive user interface for informed decision-making in stock investments.
 - **Links:** [GitHub Repository \(Frontend\)](#), [GitHub Repository \(Backend\)](#). (2023)
- **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

- **GDSC Lead @GDSC-RCCIIT, 2023-24:** I have been selected as a Chapter Lead to serve the Google Developer Student Clubs (GDSC), RCCIIT-Chapter by GDSC India for 2023-24. **Link**
- **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**