

ROSHAN KUMAR SHARMA

Software Developer

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code

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📍 Kolkata, West Bengal

in [Linkedin](#)

🐙 [Github](#)

[Leet-](#)

EXPERIENCE

Software Developer

[Delostyle Studio Pvt Ltd](#)

📅 Nov 2022 – Present

📍 Kolkata, West Bengal

- Implemented **microservice architecture** for a Patient Reported Outcome Measures (PROMs) project. **Optimized performance** by replacing the old codebase for a **memory database** in one of the services.
- Integrated **AWS SNS** service to enable **one-way communication** between doctors and patients. Built multiple **complex APIs** to enhance project features and functionality.
- Designed a reliable **file upload architecture** for handling multiple file uploads in an **S3 storage** system while ensuring **data integrity**.
- Worked on crucial feature **Data Export** and created **background task** for generating excel file.

Backend Developer

[Corpus Management Consultants Pvt Ltd](#)

📅 May 2022 – Oct 2022

📍 Kolkata, West Bengal

- Developed the backend for a **Learning Management Software (LMS)** from the ground up using **EJS, ExpressJS, MongoDB, and AWS S3**.
- Implemented **local and social app authentication** using **passportJS** for secure user authentication. Utilized **Google Drive API** and **YouTube API** in NodeJS to store and retrieve information and Excel packages, enabling data generation in Excel format.
- Designed and implemented the **database structure and APIs** for seamless data management. Conducted thorough **testing, debugging, and error resolution** to improve both backend and frontend logic. Took **complete ownership** of the project from start to finish, ensuring its successful delivery. Assumed a **leadership role** by providing guidance and **mentoring to team members**.

Subject Matter Expert

[Course Hero](#)

📅 Jan 2022 – Sep 2022

📍 Remote

- Served as a **part-time Subject Matter Expert**, assisting students with their **academic needs**. Provided **500+ solutions**, including **text** and **image-based** formats, to over 50 users. Expertly addressed programming language-related questions and cleared doubts in **C, C++, Python, JavaScript, Kotlin, NodeJS**, as well as **data structures and algorithms**. Guided students in building projects, such as the **Wordle game**, using **C++, HTML, CSS, EJS, JavaScript, and NodeJS/ExpressJS**.

JavaScript Developer

[The Tann Mann Gaadi](#)

📅 Jan 2022 – Sep 2022

📍 Remote (Internship)

EDUCATION

B.Tech. (EEE) - 9.414 CGPA

[Maharaja Agrasen Institute of Technology](#)

📅 2020 – 2024

📍 Rohini, Delhi

Higher Secondary - 80.8%

[SD Public School](#)

📅 2019

📍 Patel Nagar, Delhi

Secondary - 10 CGPA

[SD Public School, Patel Nagar, New Delhi](#)

📅 2017

📍 Patel Nagar, Delhi

PROJECTS

[MyFitness Gym](#)

- **ReactJs | Material UI | ExerciseDB** and **Youtube Search Download API** from **RapidAPI**
- Built a Completely Responsive Gym Website that shows Exercise according to the category chosen and youtube videos and exercises information and GIFs related to it. [github](#)

[Expense Tracker](#)

- **ReactJs | HTML | CSS**
- Created a Responsive Expense Tracker App that Tracks your Income, Expense, Balance Left, keeps a record of your Expenditure, and has a Search Functionality. Uses React hooks, props, and React-styled components. [Github](#)

- Served as a intern and developed a **machine learning project** called "Real-time body size estimator" using **NodeJs, TensorFlowJS, JavaScript, HTML, and CSS**. Leveraged the **BodyPix model** to accurately predict the size of waist, chest, and inner leg measurements. Implemented the **multer library in NodeJS** to store the uploaded user images securely. Conducted a **successful demo** of the project, showcasing its **functionality and capabilities**.
 - [Click here to watch the demo of project.](#)
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ACHIEVEMENTS

- Scored **Grade A** in all Modules of AMCAT 2022 Exam.
- Scored **21st Rank in overall EEE Branch** in the college till 4th Semester with **9.414 GPA**.
- Made **48 Personal Projects** in Web Development (Frontend + Backend) using Different Web Technologies.
- Solved Over **250 Coding Questions** on Different Coding Websites.

TECHNICAL SKILLS

- **Programming Languages**
 - C++
 - C
 - Javascript
- **Frameworks & Libraries**
 - HTML, CSS
 - ReactJS, NodeJS, ExpressJS
 - MongoDB, Firebase, SanityIO
 - Bootstrap, Tailwind CSS, Material UI
- **Version Control**
 - Git
 - Github
- **Other Tools**
 - Postman
 - Netlify

COURSEWORK SUBJECTS

- Operating System
- Computer Networks
- Object Oriented Programming
- Database Management System