

# Md. Samsad Alam

## Software Developer

[LinkedIn](#) | [Portfolio](#) | [Github](#) | [GeeksForGeeks](#) | [LeetCode](#)

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Address: Garden Reach, Kolkata, India.

## EDUCATION

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- Institute of Engineering & Management, Kolkata** Kolkata, India  
*Bachelor of Technology (B.Tech) in Computer Science; GPA: 9.3/10 (Absolute)* August 2021 - May 2025
- GR KC Mills High School** Kolkata, India  
*West Bengal Council of Higher Secondary Education; 87%* May 2018 - April 2020

## TECHNICAL SKILLS

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- Programming Languages:** C, C++, Javascript, Java, SQL, NoSQL, HTML, CSS
- Technologies & Frameworks :** React.js, Redux Toolkit Node.js, Express.js, MongoDB, Tailwind CSS,
- Tools & Platforms:** Visual Studio Code, Version Control, Git, GitHub, Vercel, Google Chrome (Developer Tools)

## PROJECTS

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- Codify**  
*Full Stack Educational Platform*
  - Created a **full-stack educational platform** using the **MERN stack technology**.
  - Engineered features such as user authentication using **JWT** and **bcrypt** for password hashing.
  - Integrated **Razorpay payment gateway**, enabling users to purchase courses securely
  - Managed application state using **Redux**, ensuring consistent and predictable state transitions.
  - Successfully deployed on **Vercel** to ensure high **scalability**, **reducing load times by 5%** and managing software systems.
  - [LiveLink](#)
- Shortify**  
*Full Stack URL Shortener*
  - Developed a **URL shortener** service that reduces URLs to **15 characters**, making long links manageable and easy to share
  - Provided basic analytics such as **click counts**, **geographical data and device information** (e.g., mobile, desktop) for each shortened URL
  - Created a user-friendly **dashboard** for managing and viewing shortened URLs.
  - [LiveLink](#)
- CodeCollabify**  
*Real-Time Collaborative Code Editor*
  - Enabled **real-time collaborative coding platform**, allowing multiple users to edit and view code simultaneously with an integrated **real-time chat system**.
  - Integrated **WebSocket** for **instant communication** between users and live updates in the editor.
  - Implemented real-time **notifications for new messages** and updates within the chat system.
  - Built a customizable **Monaco code editor** with syntax highlighting, error checking, and code formatting.
  - [LiveLink](#)

## ACCOMPLISHMENTS & TECHNOLOGICAL ACHIEVEMENTS

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- Secured a worldwide ranking of 545** in the Starters 82 contest of **CodeChef**
- Qualified for TCS Codevita Season 11** with a global rank of 5000.
- Secured all India rank of **239** in Naukri Campus Aptitude Test (NCAT)
- Maintained an active **streak** of over **245 days** and counting on **GeeksforGeeks**

## EXPERIENCE

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- Tech-A-Intern** Kolkata  
*Web Developer Training* July 2023 - Aug 2023
  - Implemented responsive and dynamic user interfaces of an E-Commerce website using HTML, CSS, and JavaScript, React JS, ensuring compatibility across multiple browsers and devices.

## TEACHING/LEADERSHIP EXPERIENCE

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- Conducted an IEEE Workshop on Basics of Web Development for college students (Jan 2023), attended by 100+ college students.
- Taught Math and science to underprivileged school kids as part of an organization, impacting multiple students.