

# Arindam Mriganka Sengupta

Greater Noida / Nagpur, India | 8208957682

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LinkedIn | GitHub | LeetCode | Portfolio

## Career Objective

Aspiring Full Stack and Mobile App Developer with a strong foundation in MERN Stack, C++ (DSA), and software development. Passionate about building efficient, scalable startups and user-friendly applications. Seeking opportunities to apply skills in real-world engineering challenges.

## Education

### Bennett University, Greater Noida, India

B.Tech in Computer Science & Engineering      Current Sem: 7th Higher Secondary Education (Class XII)      Completed  
Percentage: 91.14%

## Technical Skills

**Languages:** C++, JavaScript, SQL

**Web Technologies:** MERN Stack (MongoDB, Express, React, Node.js), HTML, CSS, REST APIs

**Mobile Development:** React Native (Android & iOS)

**Tools & Platforms:** Git/GitHub, Postman, Render, Vercel, Cloudinary, AWS, Redis, Brevo, Expo, Android Studio

**Key Concepts:** Data Structures Algorithms, OOPs, API Integration, Authentication (JWT/OAuth), Agile

## Experience

### Arivo Homes

Founder & Lead Full Stack Engineer

arivohomes.com

Jan 2026 – Present

- 0-to-1 Product Lifecycle:** Conceptualized and built a zero-brokerage housing platform from scratch, managing the entire pipeline from system design to production deployment.
- Vendor Acquisition:** Conducted market research and directly negotiated with property owners in Nagpur to onboard initial inventory (Demonstrating business acumen & soft skills).
- Backend Architecture:** Engineered a robust Node.js/Express API with \*\*Redis\*\* caching to handle session management and reduce database load.
- Security & Features:** Integrated \*\*Google OAuth\*\* for frictionless auth and \*\*Brevo\*\* for automated transactional emails (OTPs, Booking Confirmations).
- DevOps & SEO:** Managed domain configuration, SSL certification, and deployment on \*\*Render\*\*; optimized site structure for local SEO visibility.

### AVA International Pvt. Ltd.

Operations Intern

Noida Sec-125, India

Previous

- Managed and maintained company websites, ensuring high uptime and performance monitoring.
- Streamlined operational workflows to improve internal digital processes and efficiency.
- Handled data-related tasks and generated structured analytical reports for management review.
- Collaborated with cross-functional teams to resolve website and operational bottlenecks.

## Projects

### Chatty

Full-Stack Real-Time Chat Application

GitHub

React.js, Node.js, MongoDB, Socket.IO

- Developed a full-stack real-time chat application using Socket.IO for low-latency, bidirectional communication.
- Designed a scalable MongoDB schema to efficiently store user profiles, chat history, and message metadata.
- Implemented JWT-based authentication ensuring secure private and group messaging.
- Integrated Cloudinary for seamless image uploads and media handling within chats.
- Built a modern, responsive UI using DaisyUI with 20+ customizable chat themes.
- Implemented real-time features including online/offline user presence indicators.
- Added capability for real-time voice and video calling functionality using Socket.IO signaling.

### E-Commerce Website

Full-Stack E-Commerce Application

GitHub

Node.js, Express.js, MongoDB, REST API

- Implemented secure JWT-based authentication, product management, shopping cart, and user profile features.
- Built advanced filtering mechanisms to enhance product discovery and optimize user experience.
- Developed a secure password recovery system using OTP-based email verification with Nodemailer.
- Implemented role-based access control (RBAC), allowing only authorized admins to manage inventory.