

# SUGATA CHANDA

Web Development ♦ Object-Oriented Programming ♦ Software Engineering ♦ Agile Methodology

+91-9748278005  
scbabai2704@gmail.com  
Kolkata, India  
<https://www.linkedin.com/in/sugata-chanda-194a95253>

## Education

- **B Tech (Computer Science & Engineering)** from Netaji Subhash Engineering College, MAKAUT, CGPA 7.84 till 5<sup>th</sup> Semester (Expected completion by 2026)
- **12<sup>th</sup> Standard (PCMB)** from B.D. Memorial International (CBSE), 2022, 85%
- **10<sup>th</sup> Standard** from B.D. Memorial International (CBSE), 2020, 94%

## Key Skills

- Requirement Gathering & Analysis
- Coding/Programming
- Software Development Methodologies
- Software Development Life Cycle (SDLC)
- Object-Oriented Programming
- Troubleshooting
- Technology Consulting
- MERN Stack Development
- Stakeholder Management
- Client Engagement

## Technical Skills

- **Web Technology:** HTML, CSS
- **Programming:** C, C++, PHP, Python, JavaScript, React JS
- **Database:** SQL, Oracle, MySQL
- **Tools:** AutoCAD, MS Office

## Certifications

- Internet of Things from NPTEL
- The Joy of Computing with Python from NPTEL
- Ethics in Engineering from NPTEL
- Google Cloud Foundations from NPTEL
- AWS Academy Cloud Foundation from AWS Academy
- AWS Academy Machine Learning Foundation from AWS Academy
- Value Added Training in Web Development from Ardent Group

## Leadership Roles

- Class Representative (CR) for 2 years consecutively
- Team Lead for Final Year Project

## Profile Summary

- **Profile:** Techno-dexterous individual and Computer Engineering student well-versed in software engineering and programming; intending to be a part of an organization with a competitive environment and the scope to constantly learn and develop technical and management skills
- **Software Engineering:** Knowledgeable in developing software solutions by studying information needs, conferring with users, and studying systems flow, data usage, and work processes, thus leveraging Agile and Waterfall methodologies
- **React JS:** Skilled in ReactJS Libraries like Redux Thunk and Redux Saga; knowhow of modern build tool chains like JavaScript frameworks/technologies such as Express.js, React.js, or Flux.js
- **Web Development:** Garnering skills in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, React JS, Redux, Flex, JSON, Material UI, Ajax, and Bootstrap
- **Python Programming:** Abilities in designing, developing, deploying, and maintaining web apps based on Spring framework in Java and Django – Python platforms and Python packages like NumPy

## Academic & Personal Projects

### Development of Attendance System in Collaboration with College:

- **Tech Stack Used:** React, MySQL for Backend

### Event Management System:

- **Tech Stack Used:** NextJS 15, Stripe Connect, Convex Backend, Clerk for Authentication
- **Functionality:** Queue System, Automatic Refund on Ticket Cancellation

### Learning Management System:

- **Tech Stack Used:** Nextjs 14, Stripe, Mux Video Player, Clerk for Authentication
- **Functionality:** Progress Tracking of Students and on completion of a course confetti added to congratulate the learner

### MERN-based Ecommerce Website:

- **Tech Stack Used:** MERN Stack, Cloudinary for Image Storage, Stripe, and Razorpay for Payment
- **Functionality:** Integrated Admin Panel with order monitoring, product addition or modification, and coupon system for discount, so that customer can track order details

### Feedback Accepting Widget:

- **Tech Stack Used:** Nestjs 14, Supabase for Backend, Vercel for both Backend and Frontend Hosting, and Stripe for Payment Subscription
- **Functionality:** Integrated into any website of choice with a couple of code lines, thereby reducing the tenacity to design a separate feedback form

### Chatting App using Flutter:

- **Tech Stack Used:** Flutter, Firebase for Authentication and Storage
- **Functionality:** User can see who is online, offline, last seen, messages, and other media, with the functionality to send and read at what time users can update their respective profile by changing their names or adding new profile pictures

## Competitions/Workshops Attended

- Hacktober Fest 2024, 2023
- Google Arcade 2024
- Introduction to Git and GitHub (workshop)
- Introduction to IoT (workshop)

## Achievements

- Secured 100 percentile in Social Science in AISSE 2020
- Bagged a Silver Medal in Internet of Things Certification by NPTEL