

# Shubham Gupta

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📁 [Portfolio](#)

## ● Education

- **Tezpur University, Assam** *August 2023 – June 2025*  
Master of Computer Applications • GPA: 7.37
- **CSJM University, Kanpur, UP** *July 2020 – June 2023*  
Bachelor of Computer Applications • GPA: 7.67

## ● Technical Skills

- **Languages:** C, C++, HTML5, CSS, JavaScript, TypeScript, SQL, MySQL
- **Frameworks:** Angular, React(beginner), Node.js, Tailwind CSS, Express.js, NestJS
- **Tools:** Git, GitHub, Postman, Cloudinary.
- **Core Concepts:** Data Structures, Operating System, DBMS, Computer Networks, OOPs, SDLC

## ● Soft Skills

- Effective communication and collaboration
- Analytical problem-solving

## ● Work Experience

- **Vantage Circle, Guwahati, India** *Jan 2025 – Present*  
Frontend Engineer Intern
  - Built AIRE framework tool for Client Pitch Application using Angular, NestJS, Tailwind CSS;
  - Designed Dynamic reusable survey templates with conditional logic for multi-client usage
  - Developed a real-time response dashboard with Angular DataTables enabling 40% faster data filtering and search.
  - Integrated REST APIs for seamless frontend-backend synchronization, improving data reliability.
  - Secured app with JWT authentication and NodeMailer-based password reset.increasing account security by 99%.
  - Handled data with MySQL and optimized image uploads with Cloudinary.reducing data retrieval times.
- **MTAB Technology Center P LTD, Chennai, India** *June 2024 – Aug 2024*  
Software Engineer Intern
  - Contributed to development of CRS (Customer Relationship System) and GRS tools
  - Built interactive service dashboards using Zoho Analytics for KPI tracking
  - Automated internal reporting processes and visualizations

## ● Projects

- **Low-Latency HFT Crypto Trading CLI Application** – C++, Boost, WebSocket, Deribit API, OpenSSL.
  - Built a C++ trading app using WebSockets for real-time order execution on Deribit exchange.
  - Developed a menu-driven CLI to place, modify, and cancel orders, and view live order books.
  - Integrated secure auth and portfolio/order mgmt using Boost and OpenSSL
- **UnBorrow - Campus Rental and Resale Platform** – React, Node.js, Express JS, PostgreSQL.
  - Developed a secure, user-friendly full-stack platform with user registration, item rental, and resale features.
  - Improved resource utilization by 30% and reduced errors by 25% using role-based access and transaction log.
  - Enhanced reliability and user trust by implementing robust data validation and secure authentication.

## ● Achievements and Certifications

- **LeetCode:** 3.5-star, 300+ problems solved (Top 15%)
- **GeeksforGeeks:** Top 6 Rank in University.
- **TCS iON Career Edge- Young Professional Certificate**
- **GDSC Development Lead:** Organized webinars and contributed to the development of the GDSC website.
- **Class Coordinator, MCA (2023–Present)**