

Shubham Gupta

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🌐 [Portfolio](#)

● Education

- **Tezpur University, Assam** *August 2023 – June 2025*
Master of Computer Applications • GPA: 7.43
- **CSJM University, Kanpur, UP** *July 2020 – June 2023*
Bachelor of Computer Applications • GPA: 7.67

● Technical Skills

- **Languages:** C++, Python, HTML5, JavaScript, TypeScript
- **Frameworks:** Angular, React, Node.js, Tailwind CSS, Express.js, NestJS
- **Tools:** Git, GitHub, SQL, NoSQL, Power BI
- **Cloud:** AWS (EC2, S3, Lambda), Cloudinary
- **Core Concepts:** Data Structures, OS, DBMS, CN, OOP, SDLC

● Work Experience

- **Vantage Circle, Guwahati, India** *Jan 2025 – Present*
Frontend Engineer Intern
 - Built responsive Application using Angular, NestJS, Tailwind CSS; improved load time by 35%
 - Designed 5+ 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 by 30%.
 - Secured app with JWT authentication and NodeMailer-based password reset.increasing account security by 99%.
 - Implemented per-question and full-survey timers for accurate time tracking.
 - Handled data with MySQL and optimized image uploads with Cloudinary.reducing data retrieval times by 70%.
 - Applied AIRe principles (Appreciation, Incentivization, Reinforcement) to increasing user engagement rates by 40%.
- **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

- **HFT Trading CLI App** – C++, Boost, WebSocket, Deribit API, OpenSSL
 - Developed CLI for real-time crypto trading with low-latency via WebSocket
 - Integrated secure auth and portfolio/order mgmt using Boost and OpenSSL
- **UnBorrow (University Borrowing System)** – React, Node.js, PostgreSQL, Prisma
 - 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.
- **Alumni Information System** – React, Express.js, Node.js, MySQL
 - Built alumni management dashboard with scalable backend and secure APIs
 - Enabled seamless alumni data management and interaction

● Achievements and Certifications

- **LeetCode:** 3.5-star, 600+ problems solved (Top 15%)
- **GeeksforGeeks:** Top 6 in university, 350+ problems
- **CI/CD Certificate:** Learned Terraform, Jenkins, and deployment pipelines
- Class Representative for MCA (2023–present)