



JALAJ GUPTA

M.Tech

Computer Science and Engineering

Indian Institute Of Information Technology, Guwahati

+91-7389927777

✉ jalajgupta5550@gmail.com

🐙 GitHub

🌐 LinkedIn

EDUCATION

- **Indian Institute of Information Technology, Guwahati** 2025 – 2027
M.Tech / Computer Science and Engineering
- **Sri Aurobindo Institute of Technology, Indore** 2020 – 2024
B.Tech / Computer Science and Engineering
- **M.G.M Day Boarding School, Morena** 2019 – 2020
Higher Secondary (MP Board)

PERSONAL PROJECTS

- **Sitezy** 2024 – 2025
Full-stack marketplace platform for buying, selling, and customizing websites.
 - Designed and developed a **full-stack marketplace platform** enabling users to purchase, sell, and customize websites.
 - Implemented a **secure authentication system** with **OTP-based login** and **Google OAuth**.
 - Built a **role-based admin panel** for managing users, listings, transactions, payouts, and support tickets with pagination and filtering.
 - Integrated **Razorpay** for handling payments, payouts, and monetization workflows.
 - Developed a dynamic **website customization pipeline** using **Handlebars** templates and **Cloudinary** for asset management.
 - Implemented **email notifications and in-app alerts** for order updates, payments, and system events using backend-triggered workflows.
 - Designed RESTful APIs using **Node.js** and **Express** with **MongoDB** for scalable data persistence.
 - **Tech Stack:** MongoDB, Express.js, React.js, Node.js, JavaScript (ES6+), OAuth, Razorpay, Cloudinary, Handlebars
- **Sarthi** 2025
Campus web platform for IIIT Guwahati students
 - Designed and developed a **responsive Single Page Application (SPA)** using **React.js (Vite)**.
 - Implemented **role-based access** for students, faculty, and staff using **Google OAuth**.
 - Integrated **real-time chat and notifications** using **Socket.IO**.
 - Consumed REST APIs using **Axios** and managed frontend state efficiently.
 - Containerized and deployed the application using **Docker** and **Render**.
 - **Tech Stack:** React.js, JavaScript (ES6+), HTML, CSS, Axios, Socket.IO, Node.js, MongoDB, Docker
- **Buddy – The Exam Portal** 2024
Full-stack online examination system
 - Developed a full-stack exam portal using **Angular** for frontend and **Spring Boot** for backend.
 - Built modular UI using Angular components, services, routing, and HTTP client.
 - Implemented secure REST APIs using **Spring MVC**, **Spring Data JPA**, and **Spring Security**.
 - Integrated **MySQL** database with ORM support using JPA.
 - Implemented authentication and role-based access control.
 - **Tech Stack:** Angular, Spring Boot, Java, MySQL
- **AI Personal Virtual Voice Assistant** 2023
AI-powered voice-enabled desktop assistant
 - Developed an **AI-based personal virtual voice assistant** using **Python** to perform tasks through voice commands.
 - Implemented **speech recognition** and AI-based intent handling to understand and process user queries.
 - Integrated **text-to-speech** for natural voice responses and interactive user experience.
 - Enabled multitasking features such as application control, information retrieval, and basic automation.
 - **Tech Stack:** Python, AI Logic, Speech Recognition, Text-to-Speech, APIs
- **Chat Application** 2023
Real-time mobile chat application
 - Built a real-time chat application using **Kotlin** and **Firebase**.
 - Implemented user authentication using **Firebase Authentication**.
 - Designed responsive mobile UI using **XML** and Kotlin.
 - Enabled real-time message synchronization using **Firebase Realtime Database**.
 - **Tech Stack:** Kotlin, Java, XML, Firebase

TECHNICAL SKILLS AND INTERESTS

Languages: C, Java, Python, JavaScript, Kotlin, SQL
Frontend: React.js, Angular, HTML5, CSS3
Backend: Node.js, Spring Boot, REST APIs
Databases: MongoDB, MySQL, Firebase
Frameworks: React Native, Tailwind CSS
Tools & Platforms: Git, GitHub, Docker, Android Studio, Firebase, Supabase
Core Concepts: Object-Oriented Programming (OOPs)
Areas of Interest: Frontend Engineering, Full-Stack Development, Cloud Applications

EXPERIENCE

- **Advance Computer Networks**
Web Developer Intern
 - Developed responsive web pages using HTML, CSS, and JavaScript.
 - Worked on frontend integration and bug fixes for client applications.

Jun 2023 – Aug 2023
Indore
- **Bharat Intern**
App Developer Intern
 - Developed Android applications using Java/Kotlin.
 - Integrated Firebase services for authentication and database management.

Jul 2023 – Oct 2023
Remote

POSITIONS OF RESPONSIBILITY

- **Placement Coordinator**, Placement Working Committee, IIIT Guwahati
 - **Placement Coordinator**, Placement Working Committee, SAIT Indore
- 2026 – Present*
2023 – 2024

ACHIEVEMENTS & CERTIFICATIONS

- **Android App Development** Internshala
 - **Blockchain Developer Training** SkillUp & FITT-IIT Delhi
- 2023*
2024