



# JALAJ GUPTA

M.Tech

Computer Science and Engineering

Indian Institute Of Information Technology, Guwahati

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🌐 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 and applications.*
  - Designed and developed a **full-stack marketplace platform** enabling users to purchase, sell, and customize websites and applications.
  - 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 IIT 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** 2024  
*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 **Firestore**.
- Implemented user authentication using **Firestore Authentication**.
- Designed responsive mobile UI using **XML** and Kotlin.
- Enabled real-time message synchronization using Firestore Realtime Database.
- **Tech Stack:** Kotlin, Java, XML, Firestore

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C, Java, Python, JavaScript, Kotlin, SQL

**Frontend:** React.js, Angular, HTML5, CSS3

**Backend:** Node.js, Spring Boot, REST APIs

**Databases:** MongoDB, MySQL, Firestore

**Frameworks:** React Native, Tailwind CSS

**Tools & Platforms:** Git, GitHub, Docker, Android Studio, Firestore, Supabase

**Core Concepts:** Object-Oriented Programming (OOPs)

**Areas of Interest:** Frontend Engineering, Full-Stack Development, Cloud Applications

## EXPERIENCE

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### • Advance Computer Networks

*Jun 2023 – Aug 2023*

*Web Developer Intern*

Indore

- Developed responsive web pages using HTML, CSS, and JavaScript.
- Worked on frontend integration and bug fixes for client applications.

### • Bharat Intern

*Jul 2023 – Oct 2023*

*App Developer Intern*

Remote

- Developed Android applications using Java/Kotlin.
- Integrated Firestore services for authentication and database management.

## POSITIONS OF RESPONSIBILITY

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### • Placement Coordinator, Placement Working Committee, IIIT Guwahati

*2026 – Present*

### • Placement Coordinator, Placement Working Committee, SAIT Indore

*2023 – 2024*

## ACHIEVEMENTS & CERTIFICATIONS

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### • Android App Development Internshala

*2023*

### • Blockchain Developer Training SkillUp & FITT-IIT Delhi

*2024*