



JALAJ GUPTA

M.Tech

Computer Science and Engineering

Indian Institute Of Information Technology, Guwahati

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🐙 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

- **Sarathi** 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, React

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

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

Jun 2023 – Aug 2023
Indore

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