



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

• 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 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**

Jun 2023 – Aug 2023

Indore

Web Developer Intern

- 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

Remote

App Developer Intern

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

POSITIONS OF RESPONSIBILITY

- **Placement Coordinator**, Placement Working Committee, IIIT Guwahati

2026 – Present

- **Placement Coordinator**, Placement Working Committee, SAIT Indore

2023 – 2024

ACHIEVEMENTS & CERTIFICATIONS

- **Android App Development** Internshala

2023

- **Blockchain Developer Training** SkillUp & FITT-IIT Delhi

2024