

JOYDEEP GHARAMI

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EDUCATION

Indian Institute of Information Technology (IIIT) Sonapat

Haryana, India

B.Tech (CSE) May 2027 **GPA: 7.08/10**

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Machine Learning.

SUMMARY

Full-stack developer with strong experience in building and deploying scalable web applications using React, Node.js, MongoDB, and Next.js. Solved 277+ Data Structures & Algorithms problems on Leetcode (1416 rating) with consistent participation in coding contests. Skilled in designing secure authentication systems, role-based access control, and optimizing backend APIs to deliver high-performance, production-ready solutions.

PROJECTS

Signature App – [GitHub](#) | [live link](#)

- Built a digital signature capture web application using React and Canvas API, enabling users to draw, save, and reuse signatures with smooth real-time rendering.
- Designed and implemented secure backend APIs using Node.js and MongoDB for signature storage and retrieval.
- Deployed the application for 100+ testers with 50+ signature operations per day, ensuring high performance, data security, and system stability.

E-Commerce Website – [GitHub](#) | [live link](#)

- Engineered a full-stack e-commerce platform with product catalog, cart, and order management features using React, Node.js, and MongoDB.
- Implemented secure user authentication and role-based access control (RBAC) for admin and product management workflows.
- Load-tested the platform with 150+ users and 200+ daily API calls, improving CRUD performance by ~30% through optimized MongoDB queries and indexing.

YouTube Clone – [GitHub](#) | [live link](#)

- Developed a full-stack video streaming platform replicating core YouTube features including video upload, playback, and user authentication.
- Built modular and scalable RESTful APIs for efficient video processing and user data management.
- Supported 300+ video playbacks and 100+ test user accounts while achieving 95% Lighthouse performance across desktop and mobile devices.

SKILLS

Languages: C++, JavaScript, TypeScript, Python

Frontend: React.js, Next.js, Redux Toolkit, HTML, CSS

Backend: Node.js, Express.js, REST APIs, WebSocket, Socket.IO

Databases: MongoDB, PostgreSQL

Core: Data Structures & Algorithms, Object-Oriented Programming (OOP)

KEY ACHIEVEMENTS

- Solved 277+ Data Structures & Algorithms problems on Leetcode (1416 rating) with consistent participation in coding contests, demonstrating strong analytical and problem-solving skills.
- Built and deployed 3+ production-ready full-stack applications using React, Node.js, MongoDB, and Next.js, serving real users with measurable performance improvements.
- Maintained 100+ GitHub contributions across multiple repositories, showcasing clean coding practices, effective version control, and continuous learning.
- Independently designed, developed, tested, and deployed full-stack applications, handling frontend, backend, database architecture, and deployment workflows end-to-end.