



Gaurav Singh

Computer Science and Engineering
Bachelor of Technology
UIET MDU

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🐙 GitHub Profile

🌐 LinkedIn Profile 📁 Portfolio

EDUCATION

•UIET MDU, Rohtak

Bachelor of Technology in Computer Science and Engineering

2022-25

CGPA: 8.8

•GP Patna 07

Diploma in Engineering, SBTE

2022

Percentage: 79.6

PROJECTS

🌐 Bug-bucket

Appwrite, Next.js, TypeScript, Zod, Zustand, OAuth, Tailwind CSS.

🔗 Source Code

- Constructed secure **login**, **email**, and **OAuth authentication** for a user platform, enabling **posting**, **answering**, **commenting**, and **upvoting/downvoting** with a robust **reputation tracking system** for **100+ users**.
- Created a scalable web app using **Next.js** for server-side rendering, **Appwrite** for managing backend services, **Zod** for schema validation, and **Zustand** for state management. Integrated **OAuth**, email verification.

🌐 ConfessIt

Next.js, TypeScript Tailwind CSS, JWT Auth, MongoDB, Gemini AI.

🔗 Source Code

- Built a **React.js** app with **JWT authentication** for secure anonymous messaging, featuring real-time message delivery, **AI-powered content suggestions**, privacy controls, and 20% faster message processing.
- Designed a full-stack web platform using **Material UI**, **Acernity UI**, and **Tailwind CSS**, with a **Node.js** and **MongoDB** backend, **email verification**, **Gemini API** integration, and 30% improved engagement.

🌐 Learn-Sphere

React.js, MongoDB, Node.js, Tailwind CSS, Razorpay, Chart.js, Redux Toolkit.

🔗 Source Code

- Formulated an **Admin Dashboard** managing **50+ courses** and **200+ video lectures** using **Cloudinary**, with **Shadcn** tracking **95% user engagement**.
- launched a scalable **full-stack web app** with **React**, **Node.js**, and **MongoDB**, handling **1,000+ users** with **JWT**, **bcrypt**, **Redux**, **Cloudinary**, and **Razorpay**.

EXPERIENCE

•Betazen InfoTech

Frontend Developer

Jan 2025 - Present

Remote

- Utilized **React** with **Redux** to implement robust state management, enabling efficient data flow and enhancing performance across complex web applications.
- Integrated **TypeScript** with **React** and **Redux** to ensure type safety, reduce runtime errors, and improve code maintainability in large-scale projects.

•Web-Developers Solutions

FullStack Developer

Oct 2024 - Present

Remote

- Developed and deployed end-to-end web applications utilizing **React**, **Next.js**, and **Node.js** for Real-time user interfaces and server-side rendering. Integrated **AWS Amplify**, **S3**, and **Lambda** to streamline cloud operations, while establishing **CI/CD** pipelines with **AWS CodePipeline** to ensure scalable and efficient deployments.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Java, Python, C/C++, Sql, Javascript, Typescript

Data Structures and Algorithms.

Technologies : HTML, CSS, Bootstrap, Tailwind CSS, jQuery, React.js, EJS, Redux Toolkit, Zod, ShadCN, Node.js, Mongoose, RESTful APIs, Bcrypt, JWT, Authentication/Authorization, OAuth, NumPy, Matplotlib, and Auth.js.

Web Dev Tools: Postman, Appwrite, VS Code, Git, GitHub, Jupyter, Sublime Text, Eclipse

Frameworks: ExpressJs, NextJs

Cloud/Databases: MongoDb, Relational Database(mysql, MariaDB), AWS

Operating Systems: Windows, Ubuntu(Linux)

Others: Unix Commands, Resend, MailTrap, Vercel, Netlify

Relevant Coursework: DAA, Operating Systems, OOP, DBMS, Software Engineering, System Design.

POSITIONS OF RESPONSIBILITY

•Frontend Developer, MLSA UIET

(Created and executed plans to boost community involvement and interaction.)

2023-2024

ACHIEVEMENTS

- Qualified GATE 2024** with All India Rank **15,000+**
- Solved **1,000+ coding challenges** on LeetCode, CodeStudio, and CodeChef platforms
- Achieved **3-Star** CodeChef rating, near Knight on LeetCode, **3,724** peak on CodeStudio
- Secured **4th rank** in SIH college level, completed **3+ hackathons**

CERTIFICATIONS

•IBM Skillbuild, Front-End Developer

Aug 2024

•Coding Ninjas, Data Structures and Algorithms

Feb 2024