SOMIL GUPTA

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EDUCATION

Indian Institute of Information Technology Bhagalpur   Bhagalpur, Bihar
Bachelor of Technology in Computer Science and Engineering   *Sep 2023 – July 2027*
Relevant Coursework: *Cgpa: 8.07*
Data Structures and Algorithms , Object Oriented Programming, Descrete Mathematics

PROJECTS

- **Coding IDE Web Application (codeweb):** |*MERN, Tailwind CSS, React Hot Toast, JWT, bcrypt* | ⦿

  - Built a collaborative web development IDE serving over 300 users, featuring real-time editing, customizable themes, and syntax highlighting to improve coding efficiency by 45%.

  - Secured user authentication with JWT and bcrypt, achieving 99% uptime for user sessions and data integrity.

  - Implemented cloud storage, allowing users to save and access code projects across devices, handling over 1,000 project files.

  - Enhanced user experience with dark mode and in-app notifications, increasing user retention by 30%.

- **Erasor:** |*Next.js, Shadcn, Hyper UI, Kinde, Convex* | ⦿

  - Developed a responsive web application for streamlined document management, reducing data retrieval times by 40% and supporting a user base of over 150 active users.

  - Integrated Kinde authentication to ensure data security, achieving 0% data breaches since launch.

  - Used Convex for database management, handling up to 500 requests per second during peak usage.

- **Car Rental Website (Rentwheel):** |*React, Node.js, Express, JWT, Neon DB, Prisma* | ⦿

  - Engineered a car rental application serving over 1,000 monthly users, with secure booking management and an intuitive interface.

  - Achieved 99.5% uptime for user logins and booking transactions with JWT-based authentication.

  - Implemented vehicle browsing with search and filter options, improving user search efficiency by 50%.

  - Created a fully responsive design, enhancing mobile user experience by 40%.

- **Bithub:** |*MERN, Tailwind CSS, Passport.js, GitHub API* | ⦿

  - Built a GitHub-integrated MERN application, allowing 300+ developers to authenticate, view profiles, and filter repositories, with data retrieval times reduced by 40%.

  - Engineered GitHub API integration, supporting over 2,000 profile fetches monthly and enabling seamless access to user data.

  - Deployed robust error handling, reducing server and client errors by 60%, and enhancing overall application reliability.

SKILLS

- **Frameworks**: React, Express, Next, WebSocket
- **Tools**: Git, Github, Docker, ReduxToolkit, MongoDB, Postgress, Postman, Prisma, Redis, GraphQL
- **Languages**: C++ , Javascript, Typescript , Python, Rust

ACHIEVEMENTS

- Codechef: 3-star (1676) **coding_bear**
- Leetcode: Rating 1622 **strangecode93**
- Codeforces: Pupil (1235) **coding_bear**
- SIH 2024 Finalist: **SIH 2024**
- Achieved, **Best Team Of Batch'27** in the college coding competition across 30+ teams

EXPERIENCE

- Virtual Intern - Technohacksedutech (Nov 2023 - Dec 2024 · 1 mos)
- Campus Ambassador, IITBHU (Oct 2023 - Aug 2024 · 11 mos)