JAGPREET SINGH KHURANA

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Education

Indian Institute of Information Technology Bhagalpur	**Nov 2022 – Present**
Bachelor of Technology in Electronics and Communication Engineering	*Bhagalpur, Bihar*

Grade: 8.2 (absolute)

Skills

Languages: C++,JavaScript

Tools & Frameworks: React, Typescript, NodeJS, Git, Github, ThreeJS, Figma, Redux

CS Fundamentals: Data structures, Algorithms, OOPs, DBMS

Projects

Edupreneurs | *ReactJS, NodeJS, Tailwind, MongoDB, Express* | ⊙　　　　**Jun 2024 - Jul 2024**

- Designed and Developed an **one stop platform** to streamline work of administrative activities.
- Integrated key features such as a user-friendly dashboard, class creation tools, result tracking, and document access. Improving administrative efficiency by **30%**.
- Formulated a comprehensive portal integrating parent, student, and teacher interfaces, incorporating real-time attendance tracking and progress reporting, resulting in a 40% increase in parent engagement in student performance discussions.

Subloader | *NextJs,Cloudinary,Node,MongoDB,Replicate* | ⊙　　　　**Jan-2025**

- A dynamic application enabling users to seamlessly upload videos, generate AI-powered captions using the Replicate API, and download captioned videos

Student Gymkhana Portal | *Typescript, Node, Express, PSQL* |　　　　**Jun 2024 - Aug 2024**

- Devised a comprehensive portal to manage and streamline student club activities, enhancing organization, communication, and event management processes for over **700+** students.
- Engineered an notification system that streamlined communication for events and fests

Training and Placement Cell | *EJS, MongoDB, CSS* | 🌐　　　　**Jun 2024 - Aug 2024**

- Implemented seamless form submission features, optimizing **data collection** and management for student and employer registrations.
- Built frontend of the main section with a focus on responsive design and usability, improving navigation and overall user engagement enhancing the impressions to more than **95,000**.

Experience

Quamin Solutions LLP	**Jul 2024 - Oct 2024**
Intern	*Remote*

- Engineered a payment portal system overseeing full stack development to enable seamless transaction handling

Achievements

- **OPCODE:** Secured 1st place in the intra-college open-source fest, showcasing strong coding and collaboration skills in open-source contributions.
- **GSSoC'24:** Secured rank 144 in GSSoC'24 by executing 20+ successful project enhancements
- **Hacktoberfest'23:** Contributed to global open-source projects by merging 5+ pull requests, fostering collaboration and community-driven development.
- **SSoC'24:** Enhanced 2 full-stack projects, applying end-to-end knowledge of front-end and back-end technologies to deliver robust applications.
- **!Code-to-win:** Achieved 3rd position in the highly competitive intra-college coding competition, demonstrating advanced algorithmic thinking, and efficient coding practice.
- **Competetive Programming:** Solved over 500+ problems in Codeforces , Codechef and Leetcode

Position of Responsibility

- **Student Coordinator** Coordinated with recruiters and students to streamline the placement process, enhancing communication and event organization.