Khushal Bhasin

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Education

Netaji Subhas University of technology   **2024 - 2027**
B.Tech in Information and Technology   *8/10 CGPA*

SKILLS

Languages: Typescript, Javascript , C++ , java, golang, python, HTML, CSS
Frameworks: React.js , Next.js , Flutter , FastApi , Express.js , Flask
Developer Tools: Amazon Web Services, Vercel, Firebase, PostgreSQL, MongoDB , Redis, Kafka, Docker, Kubernetes, NextAuth , Clerk

EXPERIENCE

Frontend Web Developer Intern (Remote)

- **Developed and Deployed** the frontend of a website for a growing startup, utilizing Next.js to ensure a performant and dynamic user experience.
- **Optimized the website for SEO** by implementing best practices, resulting in a 100% SEO score. Ensured a seamless user experience across various devices and screen sizes by implementing responsive design
- **Integrated API endpoints** from the backend to provide dynamic content and functionality. Added JWT authentication and OAuth protocols ensuring user data protection and access control.
- **Implemented Features like Real-time chat and Comment Chains** using WebSockets, Reactjs dynamic rendering enabling seamless communication between users.

PROJECTS

PROXABAY Golang Developer   **Source Code**

- **Developed** a robust, high-performance reverse proxy CLI, Proxabay, using Golang.
- **Implemented** efficient response caching mechanisms to significantly reduce latency and improve performance.
- **Enhanced** debugging and monitoring capabilities with detailed, color-coded logs.

AUTOMOTION Full Stack Developer (Next.js, Node.js, Redis Queues, Microservices, Vercel, Express)   **Source Code**

- **Developed and deployed** a highly scalable, event-driven application to automate complex tasks.
- **Architected** a microservices-based system with Redis queues for efficient task processing and asynchronous operations.
- **Implemented** a transactional outbox pattern to ensure data consistency and prevent duplicate processing.

NSUT.AI Full stack Web Developer Javscript, MongoDB, React.Js., Express.Js , Node.Js , Firebase , Vercel, **Source Code**

- **Developed and deployed** a full-stack web application for NSUT.AI, utilizing modern technologies like React.js, Node.js, and MongoDB.
- **Led frontend development** using React.js, ensuring a user-friendly and responsive interface.
- **Contributed to backend functionality**, including schema design, routing, and API development
- **Implemented secure user authentication** using Clerk for a seamless user experience.

ACHIEVEMENTS

Data Structures and Algorithm   **Aug 2023 - Feb 2024**
                                                                                                                                                Coding Blocks

- ∗ Certificate of Completion of the course in Data Structures And Algorithms
- ∗ Learned how to break down complex problems into smaller problems.

Extra Curricular

NSUT.AI: — *the AI society of NSUT*

- ∗ Core Member at NSUT.AI Software Department
- ∗ Developed a deep understanding of web development along with managing the society's website designing, development, and deployment