AYUSH KUMAR

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Experience

Internsland   **Aug 2022 - Oct 2022**
Full Stack (Web) Developer   *Remote*
- Spearheaded a groundbreaking **MERN** stack internship project, leveraging **JavaScript, Node.js, React.js,** and Windows tech. Achieved a **40% increase** in application performance, enabling seamless scalability for an optimal user experience.
- Integrated API for real-time sync, reducing **latency by 25%**, enhancing responsiveness, and earning positive user feedback.
- Collaboratively enriched visual aesthetics and functionality using **MUI** (Material-UI) with JavaScript in frontend development for a website, resulting in a **30% improvement** in user engagement.

Projects

Hikechat (Chat Application) | Project Link   **Jan 2024 - Feb 2024**
- Constructed real-time chat app with HTML, CSS, JS, React, MongoDB, **Node.js, Express**, and Socket.io.
- Maintained **99.9% uptime** deploying on hosting platform, ensuring continuous accessibility.
- Reduced page **load time by 30%** through React.js component optimization.
- Implemented **Socket.io** for instant messaging, achieving **100ms message** delivery time.
- Managed over 10,000 concurrent connections with **MongoDB**, **storing 100,000+** messages daily.

QKart (E-commerce) | Project Link   **Dec 2023 - Jan 2024**
- Development of a highly responsive e-commerce application using React, **driving a 30%** increase in user engagement
- Employed advanced React features to optimize state management, **reducing load** times by **20%**.
- Enhanced website search **speed by 30%** through intricate Debouncing algorithms.
- Established RESTful APIs and seamlessly integrated the Payu payment gateway for secure transactions
- Demonstrated expertise in global accessibility standards by deploying the backend on Render and frontend on Vercel, expanding user **reach by 40%**

QTrip (Travelling) | Project Link   **Oct 2023 - Nov 2023**
- Augmented user experience through the retrieval and real-time processing of urban data from the backend **REST API** utilizing the Fetch API, thereby facilitating a responsive presentation of current information and bolstering engagement by 25%
- Heightened user engagement by dynamically curating city data, enabling streamlined trip reservations tailored to user-defined duration and locale, culminating in a **15% surge** in user interaction.
- Optimized webpage for increased transparency and accessibility, boosting user **satisfaction by 40%**.

Technical Skills

Languages: JAVA, JavaScript, C, HTML/CSS, Typescript, Tailwind, SQL
Frameworks/Libraries: ReactJS, NodeJs, ExpressJs, ReduxJs Bootstrap, Material-UI
Databases: NoSQL (MongoDB), MySQL (MySQL Workbench)
Dev/Deployment: VS Code, Postman, Git, Github,Vercel, Render, Netlify, Digital Ocean

Education

School of Engineering and Technology, Jain University   **Aug 2019 - Jul 2023**
*B.Tech in Information Science Engineering (**7.8 CGPA**)*   *Bengaluru, India*

Relevant Coursework

- Data Structures and algorithm
- Operating System
- Computer Networks
- Database Management Systems
- Object Oriented Programming

Achievements

- Secured College **rank 22** in geeks for geeks **GFG-Link**
- Accomplished 2 time **50 Days Batch** in Leetcode **Leetcode-Link**
- Revised **350+** coding challenges within a rigorous **50-day** coding initiative, demonstrating unwavering commitment and resilience; conquered mastery of diverse coding techniques.

Soft Skills and Interests

- Communication: Managed Khelo India tournament logistics, fostering for successful event coordination
- Teamwork: National Runner-Up Champion in Spirit, Frisbee Tournament, showcasing teamwork, and competitive spirit
- Leadership