Farhan Ahmad

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, HTML, CSS, C/C++
Frameworks/Libraries: ReactJs, NextJs, Tailwind-CSS, ExpressJs, NodeJs, Bootstrap, Material-UI, Redux
Developer Tools: VS Code, Git, GitHub, Postman, AWS, Vercel, Netlify, Render
Databases: MongoDB, MySQL

EXPERIENCE

Full Stack Developer Intern   November 2023 – May 2024
Digital Bhem   *Remote*

- Developed scalable web applications leveraging the **MERN stack**, delivering **RESTful APIs** that handled over 10,000 daily requests and implemented robust user authentication for 5,000+ active users.
- Collaborated with a cross-functional team of 10 members to gather requirements, translating them into technical specifications, and successfully deploying applications on **AWS**, reducing deployment time by 20%.
- Spearheaded **Agile development** processes across 3 projects, including sprint planning, daily stand-ups, and code reviews, resulting in a 15% reduction in project completion time and a 98% code quality compliance rate.
- Optimized **MongoDB** and **MySQL** database schemas, leading to a 40% improvement in data retrieval performance and supporting a user base of 20,000 by implementing advanced query optimization and indexing strategies.

PROJECTS

StudyNotion | *ReactJs, NodeJs, ExpressJs, MongoDB, Tailwind-CSS, Redux-Toolkit*   source code

- Designed an **EdTech platform** for course creation, student enrollment, and course rating functionalities, supporting 100+ active users.
- Integrated **Razorpay** for secure payment processing, handling over 500 transactions monthly, and **Cloudinary** for media storage, enhancing financial transaction security and media management.
- Optimized backend operations and **MongoDB** database management, leading to 50% faster data retrieval, supporting over 1,000 course-related records.
- Ensured compliance with industry best practices and security standards, maintaining data integrity and user privacy, resulting in zero data breaches.

Pixza | *NextJs, Tailwind-CSS, MongoDB, Redux-Toolkit*   source code

- Built a full-stack **online food delivery** webapp wit **Next.js** and Tailwind CSS, serving over 50 users, with features like secure user authentication, cart functionality, and seamless order placement.
- Enhanced app performance with **Redux Toolkit** for efficient state management, reducing load times by 30% and improving user satisfaction scores by 15%.
- Integrated third-party APIs for **real-time** order tracking and payment processing, improving user experience and operational efficiency, leading to a 20% increase in repeat orders.
- Conducted rigorous testing and debugging, maintaining a 99% bug-free application status, which contributed to a 95% user satisfaction rate.

HomeAway | *ReactJs, NodeJs, ExpressJs, Tailwind-CSS, MongoDB, Redux-Toolkit*   source code

- Created a **vacation rental marketplace** web app, integrating the Shadcn library for a responsive UI, leading to a 25% improvement in mobile user experience.
- Established secure **user authentication** and real-time data updates, increasing user engagement by 18% and satisfaction by 20%.
- Architected scalable backend solutions with **MongoDB** and **Node.js**, supporting up to 5000 simultaneous user interactions during peak times.
- Collaborated closely with **UX/UI designers** to implement intuitive interfaces, resulting in a 20% increase in user retention and a 15% rise in new user registrations.

EDUCATION

Magadh University   Bodh Gaya, Bihar
BSC in Information Technology – 80.60%   *August 2020 – March 2024*