Firdosh Khan

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ACADEMIC QUALIFICATIONS

- ❖ B. Tech (CSE) | Corporate Institute of Science and Technology, Bhopal **~ 7.25 CGPA (till)**
- ❖ 12th | K.N +2 High School , Hazaribagh **84.4%** | (2022)
- ❖ 10th | K.N +2 High School , Hazaribagh **82.4%** | (2020)

ABOUT

Hi, I'm Firdosh Khan — a self-taught and driven Full Stack Developer focused on building real-world applications using the **MERN stack**. I love solving problems, shipping features fast, and learning by doing. From building e-learning platforms to note-sharing tools, I enjoy working on projects that have real impact. I'm currently deepening my React and backend skills, and actively seeking a full-time role or internship at a startup where I can contribute and grow from day one.

PROJECTS

❖ StudyNotion –- React.js | Node.js | Express.js | MongoDB | JavaScript | Git | Razorpay

- o Designed and developed a complete **MERN stack** e-learning web application with **role-based authentication** (Student, Instructor, Admin).
- o Integrated **OTP-based login**, secure **password reset**, and **payment gateway (Razorpay)** for real-time course purchases.
- o Built dynamic **React components** for creating and managing courses, sections, subsections, and video content.
- o Instructors can create, update, publish, and manage paid courses.
- o Students can **add to cart**, **wishlist**, **purchase courses**, **track progress**, and **leave reviews**.
- o Developed and consumed **RESTful APIs** for authentication, course operations, and user profile management.
- o Used **React Router**, **Context API**, and **custom hooks** for seamless frontend routing and global state management.
- o Ensured secure backend using **JWT**, **bcrypt**, and best practices in user/session handling.

❖ NoteVault – Paste & Note Management App - React.js | Redux Toolkit | JavaScript

- o Developed a full-featured paste saver app to **create**, **search**, **delete**, and **share** notes/snippets.
- o Users can enter a **title** and **content**, then generate a new paste via a "Create Paste" button.
- o Built a **/pastes route** to view all saved entries and a **search bar** to filter pastes in real-time.
- o Enabled **delete functionality** and **sharing** through unique paste URLs.
- o Managed global state using **Redux Toolkit**, including slice management and async actions.
- o Used **React Router** for navigation and structured the app using a clean component hierarchy.

TECHNICAL SKILLS

- ❖ **Programming Languages**: C++, JavaScript
- ❖ **IT Constructs**: OOPS
- ❖ **Database**: MongoDB, PostgreSQL
- ❖ **Full-Stack Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js)

Web Technologies: HTML, CSS
Framework: React JS , Next JS ,Express JS
Version Control: GitHub