

Firdosh Khan

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ACADEMIC QUALIFICATIONS

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| ❖ 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

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

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

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

TECHNICAL SKILLS

❖ **Programming Languages:** C++, JavaScript

Web Technologies: HTML, CSS

- ❖ **IT Constructs:** OOPS
 - ❖ **Database:** MongoDB, PostgreSQL
 - ❖ **Full-Stack Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js)
- Framework:** React JS , Next JS ,Express JS
- Version Control:** GitHub