Firdosh Khan

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GitHub | LinkedIn | Portfolio

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

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 in my 6th semester of B.Tech (graduating in 2026), 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. I have hands-on experience in integrating and building **RESTful APIs** for web applications.

PROJECTS

- ❖ **StudyNotion – React.js | Node.js | Express.js | MongoDB | JavaScript | Git | Razorpay (*Click Here*)**

  - 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 (*Click Here*)**

  - 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
- ❖ **Frontend**: React.js, HTML, CSS, JavaScript
- ❖ **Backend**: Node.js, Express.js
- ❖ **Web API**: RESTful APIs
- ❖ **Database:** MongoDB, PostgreSQL
- ❖ **Tools**: Git, GitHub, Postman