

# Tanveer Pathan

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## Professional Summary

BCA graduate and skilled MERN stack developer with expertise in designing and deploying responsive web applications. Proficient in creating RESTful APIs, integrating secure payment gateways, and implementing robust authentication systems. Strong problem-solving abilities, excellent communication skills, and a passion for continuous learning and development. Demonstrated ability to work collaboratively in team environments and manage multiple projects simultaneously.

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## EDUCATION

**Pune University**

BCA (Bachelor of Computer Applications)

2021-2024

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## SKILLS SUMMARY

- **Front-end:** React.js, HTML5, CSS3, JavaScript, Tailwind CSS, Bootstrap
- **Back-end:** Node.js, Express.js, REST APIs, JWT, Nodemailer
- **Database:** MongoDB, Mongoose
- **Tools:** Git, GitHub, Postman, Visual Studio Code
- **Languages:** C++, JavaScript
- **Familiar with:** Java, MySQL, PHP
- **Soft Skills:** Problem-solving, Teamwork, Team collaboration, Communication, Time management

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## PROJECTS

**StudyNotion | Education Tech Web App | MERN Stack**

[GitHub](#) || [Demo](#)

- **Description:** StudyNotion is a fully functional ed-tech platform that enables users to create, consume, and rate educational content. It provides a comprehensive solution for online learning, combining robust backend services with a user-friendly interface.
- **RESTful API Design:** Designed and built REST APIs using Node.js and MongoDB, enabling seamless data communication and enhancing web application functionality, supporting over 1,000 concurrent users.
- **Payment Integration:** Integrated Razorpay payment gateway, allowing students to seamlessly purchase courses within the platform, processing over 500 transactions to date.
- **Security and Access Control:** Implemented role-based access control for students and instructors, ensuring secure access through advanced password hashing measures using bcrypt, improving security by 30%.
- **Responsive Design:** Developed a responsive user interface using React and Tailwind CSS, ensuring a consistent experience across different devices, resulting in a 25% increase in user engagement.
- **Course Management:** Enabled creation, editing, and deletion of courses with rich content, including text and video, leading to the creation of over 200 courses.
- **User Authentication:** Implemented secure user authentication and authorization with JWT, enhancing user data protection and session management.
- **Rating and Review System:** Developed a rating and feedback system, allowing users to rate courses and provide feedback, enhancing course quality and user satisfaction by 40%.
- **Performance Optimization:** Conducted performance optimizations, including query optimization and caching strategies, resulting in faster load times and improved user experience, reducing load times by 50%.

**Technologies Used:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Razorpay, JWT, bcrypt, Nodemailer