

PALASH TINKHEDE

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EDUCATION

Indian Institute of Information Technology, Nagpur
Bachelor of Technology in Computer Science and Engineering

July 2022 – June 2026
CGPA: 7.84

COURSEWORK & SKILLS

- **Core Areas:** Data Structures, Operating Systems, Computer Networks, Computer Architecture
- **Development:** Full-Stack Development, System Design, Software Developer

TECHNICAL SKILLS

- **Programming:** C++, Python, JavaScript, Java.
- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind.
- **Backend:** Node.js, Express.js, REST APIs.
- **Frameworks & Databases:** React.js, MongoDB.
- **Tools:** Git, VS Code, Postman, Linux

PROJECTS

- **Chat Box** Sept 2024 – Nov 2024
 - **Technical Skills Used:** React.js, Redux, Node.js, Express.js, MongoDB, and Socket.io
 - **Elevated Security:** Implemented JWT for authentication and bcrypt for password encryption, securing logins for over 500 users and preventing unauthorized access.
 - **Efficient Media Management:** Integrated Cloudinary to handle over 1,000 media uploads monthly, optimizing storage and sharing for Enhanced user interaction.
 - **Real-Time Communication Features:** Delivered a chat system supporting 100+ concurrent users, with real-time messaging, group management, online tracking, and request handling.
 - **Optimized Performance:** Reduced server response time by 30% through efficient API development and database optimization, improving overall application performance.
- **Shop Vault** Jan 2024 – Mar 2024

Technical Skills Used: React.js, Node.js, MongoDB, Express.js, and Toastify

 - **E-Commerce Platform Development:** Designed and developed a user-friendly e-commerce platform, serving 1,000+ users, ensuring seamless navigation and an intuitive shopping experience.
 - **Shopping Features:** Implemented cart management, secure checkout, order placement, and delivery address handling, streamlining the purchasing process for over 500 orders monthly.
 - **Boosted User Engagement:** Integrated purchase history tracking, enabling easy reordering for 300+ users and boosting engagement through personalized recommendations and a tailored experience.
 - **Performance Optimization:** Reduced page load time by 40% using Refined code and database queries, enhancing user retention and overall platform efficiency.
- **Portfolio Website** Sept 2023 – Oct 2023
 - **Technical Skills Used:** React.js, Redux, Node.js, Git and Tailwind CSS,
 - **Portfolio Website Development:** Planned and executed a professional portfolio website, successfully showcasing skills, projects, and achievements, attracting 200+ visitors monthly.
 - **Navigation and Accessibility:** Prioritized seamless navigation and intuitive layout design, improving user experience across devices and platforms, with a 25% increase in engagement.
 - **SEO Optimization:** Utilized SEO best practices, leading to a 30% boost in organic traffic and improved visibility in search engine results.
 - **Performance Optimization:** website load times by 35% through efficient code practices and resource optimization, ensuring a smoother user experience