Vicky Kumar Sinha

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Education

Dr. D. Y. Patil Institute of Technology, Pimpri	**Nov. 2021 – June 2025**
Bachelor of Engineering in Computer Science	*Pune, Maharashtra*
CGPA - 8.31	

Army Public School No.2 JAK RRC, Jabalpur	**May. 2018 – July 2020**
HSC (CBSE)	*Jabalpur, M.P*
Percentage - 89.8%	

Technical Skills

- **Data Structures**
- **Java**
- **MySQL**
- **Spring Boot**
- **Javascript**
- **ReactJs & NodeJs**
- **OOPs**
- **UI/UX**

Projects

E-Commerce Website | *ReactJS, NodeJS, Tailwind CSS, ExpressJS, MongoDB*　　　　**GitHub** | **Present**

- Developed a full-stack ecommerce website using React, Node.js, and Tailwind CSS, with a responsive and dynamic user interface.
- Utilized Redux Toolkit for efficient global state management across the application, optimizing data flow and performance.
- Implemented role-based authentication with JWT, along with custom forms for login and registration, ensuring secure and seamless user experience.

SynthAI- AI based Research Paper Management System | *MERN Stack*　　　　**GitHub** | **Present**

- Developed a full-stack research paper management system using MERN stack, and MongoDB, enabling users to create, edit, and organize research papers efficiently.
- Published a research paper based on this project, showcasing its impact on simplifying research writing and collaboration.
- Integrated an AI-powered ChatGPT assistant to provide contextual writing suggestions, enhancing research paper quality and user productivity.
- Implemented user-based research paper storage, enabling seamless access to personal research papers with secure role-based authentication (JWT).

Portfolio Website | *ReactJS*　　　　**GitHub** | **June 2024**

- Designed and developed a personal portfolio website as a single-page application with integrated smooth page transitions and dynamic routing with React Router.
- Showcased projects, skills and experience with a modern, responsive design for optimal viewing across devices.
- Leveraged React components to ensure reusability and maintainability across different sections.

Position of Responsibility

Computer Society of India, DIT	**2024 – Present**
President	*Dr. D. Y. Patil Institute of Technology*

- ∗ Currently, Leading the team of 50+ members from front and conducting regular meetings for overall progress.
- ∗ Last year(**as Vice President**) (Sept, 2023- 2024), led the committee of 100+ people and was part of **DIT's biggest technical fest - Acunetix 11.0** with over 3000+ participation.

TEDxDYPIT	**2022**
Design & Management Lead	*Dr. D. Y. Patil Institute of Technology*

- ∗ Lead a team of designing creatives for social media graphics designing.
- ∗ Also led the backstage management of the **TEDxDYPIT** with footfall of 1000 people.