# Vedant Ere

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## Professional Summary

Self-driven Computer Science undergraduate with hands-on experience building full-stack applications using React, Node.js, and MongoDB. Proficient in creating scalable APIs, implementing authentication (JWT), and real-time data handling with Web Sockets. Proven ability to work in teams and deliver results, demonstrated through impactful academic projects.

## Technical Skills

- **Frontend:** React.js, Next.js, Redux, React Query, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs, JWT
- **Databases:** MongoDB, SQL
- **Languages:** JavaScript, C++, Java
- **Tools & Others:** Git/GitHub, Web Sockets, DSA, Agile Methodologies

## PROJECTS

### Investify | React, Node.js, JWT | Dec 2024

Built a simulated stock trading platform with 500+ simulated trades processed in real-time.

- Developed and integrated 8+ REST API endpoints for the learning section and user data management.
- Implemented authentication using JWT, handling secure login for 100+ test users.
- Designed 5+ interactive pages using React, improving user engagement.

### Impromptu |Pug, Python, ML, Web Sockets | Aug 2024

AI-powered social media web app with photo classification features.

- Achieved 60%+ model accuracy across 200+ image classifications using Python-based ML.
- Managed database with 1000+ user-uploaded files via MongoDB, ensuring zero data loss.
- Integrated real-time WebSocket communication with <100ms latency for chat/photo tagging.

## EDUCATION

**VIT BHOPAL UNIVERSITY**

Computer Science Engineering - 8.78          September 2022 - May 2026

**Tip Top Convent**

High School - 86          June 2020 - July 2022

Higher Secondary - 96          April 2020

## CERTIFICATE

### The Bits and Bytes of Computer Networking ⬀

## Co Curricular

Technical team Core member in D2C Igniters, VIT BHOPAL

Runner Up in MUN by Govt. College of Engineering Nagpur