

# Vishwas Patil

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## Education

<b>Indian Institute of Information Technology, Nagpur(Institute Of National Importance)</b> <i>Bachelor of Technology in Electronics and Communication Engineering</i>	2022 { 2026 Nagpur, Maharashtra
<b>Shri Keshavraj Junior college</b> <i>12th Grade, Percentage: 86.33</i>	2019 { 2021 latur, Maharashtra
<b>Shri Keshavraj Madhyamik Vidyalaya</b> <i>10th Grade, Percentage: 94.20</i>	2011 { 2019 latur, Maharashtra

## Relevant Coursework

- Data Structures and Applications
- Database Management System
- Communication Networks
- Functions Of Machine Learning
- OOPS
- Computer Programming

## Projects

**studyNotion** | *HTML, Express.js, Node.js, MongoDB Atlas, React, Next.js, Tailwind CSS* | [GitHub](#) | [Live Demo](#)

- Delivered a seamless and interactive learning experience for students, making education more accessible and engaging.
- Built a platform for instructors to showcase their expertise and connect with learners globally.
- Led backend development using **Node.js** and **Express.js**, ensuring a scalable and reliable architecture.
- Designed the database schema with **MongoDB Atlas**, optimizing for high availability, security, and performance in user data handling.

**Flipkart** | *HTML, CSS, Python, Flask, MongoDB, Atlas, RapidAPI, ngrok* | [GitHub](#) | [Live Demo](#)

- Accelerated product analysis by developing a web application using **advanced NLP models (BERT and FLAN)** to interpret user queries.
- Accomplished seamless integration with **RapidAPI** for real-time access to all Amazon product listings, enhancing the web application's performance and allowing users to retrieve updated data within seconds for informed decision-making.
- Styled the backend with **Flask and MongoDB** and retrieval also made use of **ngrok** for secure endpoint access.
- Authored a **user-friendly interface** and successfully demonstrated the app's utility for e-commerce insights.

**AI-Powered Data Analytics Agent** | *Python, LLaMA 3.3, MongoDB, Hugging Face, Next.js, Tailwind CSS, Node.js* | [GitHub](#)

- Developed a full-stack AI analytics platform with a **Streamlit backend** and custom **React + Next.js frontend**, ensuring a seamless and interactive user experience.
- Engineered backend services using **Node.js** and **Express.js**, facilitating robust API communication and data processing.
- Enabled users to upload CSV datasets and receive **real-time insights** through an AI-powered conversational interface powered by **LLaMA 3.3** and Hugging Face models.
- Integrated **MongoDB** for efficient data storage and retrieval, optimizing performance and ensuring reliable analytics data management.

## Roles and Responsibilities

**Full Stack Web-development Intern, Unified Mentor** March 2025 { May 2025  
*Intern* *Gurgaon, Haryana*

- Contributed to the development of web applications using React.js, Node.js, and MongoDB. Integrated RESTful APIs, optimized front-end performance, and unified using Git and Agile methodologies for efficient deployment and version control.

**Intern, Startrit** May 2025  
*Full Stack Web-development Intern* *Chennai, Tamil Nadu*

- Built responsive UI using Next.js, React.js and Tailwind CSS, converting Figma designs into reusable components. Used React hooks for state management, integrated APIs, and ensured good performance and accessibility.

**GDSC, IIIT Nagpur** November 2023  
*Core Member* *Nagpur, Maharashtra*

- Worked in GDSC to organize tech workshops, speaker sessions, and hands-on coding events for the student community.

## Technical Skills

**Competitive Programming:** C++, Python, Java, C

**Frontend:** React.js, Vite, Angular, HTML, CSS, Tailwind

**Backend:** Node.js, Express.js, JavaScript ES6, Flask, Rapid API, REST API, Django

**Tools/Packages/APIs:** Rapid API, RESTful API, OAuth, JWT, Session Secret, SSO, passport.js, WebSocket, Socket.IO

**Database:** MySQL, MongoDB, PostgreSQL

## Achievements

- Cleared Internal Hackathon, Smart India Hackathon, IIIT Nagpur.
- Achieved **Pupil** status on the online coding platform (**Max Rating - 1384**)
- Solved 500+ DSA and CP Problems in C++ and Java
- Actively involved in various technical and cultural clubs at college.
- Fluent in English, Hindi, Marathi.