

# UDIT SATHE

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## Education

### Medi-Caps University

Bachelor of Technology in Computer Science and Engineering, 8.60 GPA

Indore, M.P.

Nov. 2020 - Jun. 2024

### Choithram School, Manik Bagh

CBSE Higher Secondary Certificate(PCM), 86%

Indore, M.P.

Jun. 2019 - Mar. 2020

## Technical Skills

**Programming Languages:** Typescript, JavaScript (NodeJS, ExpressJS), HTML, CSS, Python, Java

**Frameworks:** ReactJS, Boot strap, GraphQL in TypeScript, Django, Python libraries(Scikit-learn, Numpy, Pandas and Matplotlib)

**Tools:** Git, Github, Apollo GraphQL Sandbox, VSCode, MS Excel, Photoshop, Lightroom, Audacity

**Other:** MongoDB, Data Structures and Algorithms, Operating Systems, DBMS, OOP

## Experience

### Submittable (formerly Wizehive)

Indore, M.P.

Junior Software Engineer

01 Mar 2024 - Present

- Led seamless integration of multiple third-party services into a MERN stack application
- Programmed 20+ modular React components throughout 3 major feature integrations
- Implemented role-based access throughout a MERN application
- Utilized GraphQL with Typescript to achieve streamlined and efficient data retrieval
- Automated pan-database operations with migrations and seeding in MongoDB
- Designing and modeling optimal database models for enhanced scalability
- Enhancing parallel processing through implementation of jobs and workers in Typescript

### e-Hawkers Marketing

Indore, M.P.

Software Development Intern

07 Jan 2024 - 08 Feb 2024

- Implemented third party API integration for payment, shipment and location mapping in NodeJS
- Designed and implemented routing, database models for web applications
- UI development for commercial websites over the course of 4 projects

### IIT Delhi E-cell, IIT Hyderabad E-cell and YHills Edutech

Noida, U.P. (remote)

Web Development Intern

04 April 2022 - 31 May 2022

- Built front-ends and basic functionalities like cart and product view for commercial websites
- Developed portfolio and e-commerce websites for clients

## Personal Projects

### Ode

- React app for showcasing pictures and music with Youtube API integration
- GSAP animations in ReactJS
- CSS dynamic gradients and locomotive in JS

### Stock Price Prediction Web app using LSTM Model

- 92% accuracy achieved using LSTM and Conv1D NN model
- Time-sequenced data processing
- 100 DMA and 200 DMA of stocks
- Graphical and tabular representation of stock performance
- Last Close and Open price analysis for stocks

### Natural Language Processing Project

- Generate text summary for text in a .txt file
- Similarity Matrix, Stop-word removal
- Use of nltk, numpy and networkx

## Certifications

### Complete 2023 Web Development Bootcamp, Udemy

Mar. 2023 - Jul. 2023

### HTML, CSS, JavaScript for web Developers, Coursera

Feb. 2022 - Apr. 2022

### Web Development, YHills Edutech

Apr. 2022 - May 2022