

# Maheeth Thotakura

📍 Hyderabad, Telangana, India ✉ thotakuramaheeth@gmail.com ☎ 9799893456 🌐 in/maheeth-thotakura

## SUMMARY

Energetic MERN stack developer with experience in enhancing user engagement and backend efficiency. Implemented dynamic interfaces with React and Node, elevating user interaction by 25%, and engineered RESTful APIs for a 30% boost in data retrieval efficiency. Seeking a Software Engineer position to drive innovation and streamline processes through expertise in the MERN stack and continuous deployment pipelines.

## EXPERIENCE

### Python full-stack developer intern

Path Creators  
India

August 2024 - October 2024, Hyderabad,

- Implemented dynamic and interactive user interfaces for the platform using Python-based frameworks such as Flask and Django, enhancing user engagement by 25% over a span of three months.
- Engineered scalable backend services and RESTful APIs using Flask to manage and process concurrent user requests, increasing data retrieval efficiency by 30%.
- Devised and integrated a continuous deployment pipeline utilizing Git and Jenkins, reducing deployment time by 50% and enabling faster iteration cycles for ongoing platform improvements.

## PROJECTS

### FlickNest | React JS, CSS, React Player, React Slick, JavaScript | [Live\\_Demo](#)

- Developed a movie streaming web application that features categorized movie sliders such as Action, Comedy, and Adventure using React JS and React Slick for responsive carousel UI.
- Integrated **React Player** for in-browser video playback and **react-slick** for responsive sliders.
- Demonstrated strong front-end skills in component-based architecture, props handling, and dynamic filtering of movies by category.

### Web Socket Based Video Streaming | Python, OpenCV, Sockets, Multithreading, TCP/IP | [github.com/Maheeth1/WebSocketBasedVideoStreaming](https://github.com/Maheeth1/WebSocketBasedVideoStreaming)

- Developed a **real-time** video streaming solution using Python sockets that mimics WebSocket behavior for efficient peer-to-peer communication.
- Engineered a **Web Socket-based** video streaming solution that reduced latency by 40% and supported concurrent streaming for up to 5,000 users, enhancing the overall user experience.
- Implemented multithreading for concurrency, ensuring optimized performance and automatic reconnection for system robustness.
- Demonstrated proficiency in network communication, image processing, and system optimization for low-latency streaming.

### Connect Four Game | Java, JavaFX | [github.com/Maheeth1/connectfour](https://github.com/Maheeth1/connectfour)

- Designed and developed an interactive Connect Four game with GUI development using **JavaFX**.
- Implemented robust algorithms for game logic, including win condition checks and efficient data handling.
- Delivered a smooth user experience with animations and responsive UI, adhering to software development best practices.

## EDUCATION

### Bachelor of Technology in Computer Science

Malla Reddy Engineering College(A), Hyderabad • Hyderabad, India • 2024 • 7.6

### Intermediate in Mathematics, Physics, Chemistry

Sasi new gen junior college • Velivennu • 2020 • 9.5

### Secondary School Certificate

Krishnaveni Talent School • Sathupally • 2018 • 9.3

## SKILLS

**Programming Languages:** Python, JavaScript

**Web Development:** React, Node.js, Express, Bootstrap,  
CSS

**Database Management:** SQL, MongoDB, SQLite

**Backend Development:** REST APIs, JWT Authentication

**Tools & Technologies:** Git, GitHub, VS Code

## CERTIFICATIONS

**React js** | NxtWave, 2025

**Node js** | NxtWave, 2025

**JavaScript Essentials** | Nxt Wave, 2025

**Microsoft Technology Associate: Python Programming** | Microsoft, 2023

**Azure Fundamentals** | Microsoft, 2023