Himanshu Sahu

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SUMMARY

Software Developer skilled in **React, Node.js, and MongoDB** with *ML experience* (TensorFlow/NLP). Currently seeking an **SDE Internship** to build scalable, real-world applications.

SKILLS

Programming Languages: JavaScript | C++ | C | Python | Java | Typescript
Frameworks/Libraries: React.js | Node.js | Express.js | Redux | RESTful APIs | Scikit-learn | TensorFlow | NLTK
Databases and Tools: MongoDB | MySQL
Tools & Platforms: Git | GitHub | Postman | Docker

PROJECTS

Townsquare – Hyperlocal Community Networking App ↗   *Feb 2025 – April 2025*
Tech: React.js | Node.js | MongoDB | Socket.io
- Built a **full-stack community platform** with **real-time chat, auth**, announcements, and local **marketplace.**
- Engineered **scalable services** for *posts, issue reporting,* and *community alerts*.
- **Optimized** frontend performance using **React.memo**, *lazy loading*, and *dynamic imports.*

Devsphere – All-in-One Developer Collaboration Hub ↗   *Nov 2024 – Jan 2025*
Tech: React.js | Node.js | MongoDB | CodeMirror | Socket.io
- **Built a full-stack platform** for developers to *post updates*, *write code*, and *engage in real-time discussions.*
- **Led** features like *group/private chat*, *interactive feed*, *profile*, *search*, *follow system*, and *community creation.*

Novascript – Simple, efficient language built on strong design.   *May 2025 – Present*
Tech: C++ Core | React.js | Node.js | Docker
- **Developed** core language processing components to enable parsing and understanding of English-like syntax.
- Currently designing an **interactive sandbox** for real-time **coding and visualization**.

AlgoViz – Interactive Machine Learning Visualizer. ↗   March 2025
Tech: Python | Flask | NLP | Machine Learning
- **Developed** a platform to visualize ML concepts with real-time model tuning and data interaction.
- **Built** *regression* and *dataset summary* modules to boost learning and interactivity.

ACHIEVEMENTS

Solved **200+ coding problems** and attended **5+ hackathons**, boosting **algorithmic skills and teamwork**.
Volunteered at national-level hackathon *AMCEC*, gaining event coordination and community experience.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science and Engineering   2022 – 2026 (Expected)
- AMC Engineering College, Bengaluru   **CGPA : 8.7/10**

Relevant Coursework: Data Structure and Algorithms | Machine Learning | Operating systems | Computer Networks | Database Management Systems | Software Engineering.