Himanshu Sahu

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SUMMARY

Full-stack developer with experience in scalable systems using **React**, **Node.js**, and **databases**. Strong in **C++**, **Python**, and **JavaScript** with interest in backend, cloud, and **DevOps**.

SKILLS

Programming Languages: C++, JavaScript, Python, Java, Typescript.
Frameworks/Libraries: React.js, Node.js, Express.js, Redux, Next.js, REST APIs.
Databases & Tools: MongoDB, MySQL, Git, GitHub, Postman, Docker, Linux/Unix, Shell scripting.
Cloud & DevOps: AWS/GCP (learning), CI/CD (GitHub Actions), System Design, Distributed Systems

TECHNICAL EXPERIENCE

Townsquare – Hyperlocal Community Networking App.   *Feb 2025 – Apr 2025*
Tech: React.js, Node.js, MongoDB, Socket.io
- Built a **community platform** with announcements, polls, marketplace, chat, to connect neighborhoods digitally.
- Engineered scalable backend APIs and optimized client performance by 28% using React memo and lazy loading.
- **Live Demo:** https://townsquareclient.onrender.com/

Novascript – Lightweight Interpreted Language & Docs.   *May 2025 – July 2025*
Tech: C++ Core, Next.js, Tailwind CSS
- Built an **interpreted language** with English-like syntax using **C++** (lexer, parser, AST, evaluator)
- **Authored** and published complete technical **documentation** explaining all language phases, syntax and architecture.
- **Docs & Code:** https://novascript-docs.vercel.app/

Devsphere – All-in-One Developer Collaboration Hub.   *Nov 2024 - Jan 2025*
Tech: React.js, Node.js, MongoDB, CodeMirror, Socket.io
- **Led Development** of a full-stack platform for developers to post updates, real-time discussions and code editor.
- **Optimized** backend **APIs** and enhanced **UI/UX** for faster interactions.
- **Live Demo:** https://dev-sphere-gilt.vercel.app/

Judgement Call – Decision Making & Analytics Platform.   *Aug 2025 - Present*
Tech: Next.js, Tailwind CSS, Node.js, MongoDB, Docker, GitHub Actions, Jest
- Building a platform to **log decisions** with confidence levels, outcomes, public feedback, and analytics.
- Adding **CI/CD** with **Docker** & **GitHub Actions**, and implementing testing with **Jest** for production readiness.

CODING & COLLABORATION ACHIEVEMENTS

Solved 250+ DSA problems. **Attended** 5+ hackathons, actively exploring open source. **Volunteered** at AMCEC hackathon, gaining **coordination** 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.