

Sunil Kumar Maharana

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Summary

Full-stack developer with a backend focus, experienced in building web applications using **Node.js**, **React**, and **MongoDB**. Worked with RESTful APIs, JWT authentication, role-based access control, and real-time features using WebSockets and WebRTC. Familiar with **AWS** (S3, DynamoDB), **Docker**, CI/CD pipelines, and database management with Prisma ORM.

Experience

Full Stack Developer Intern – *Tribex Esports (Virtual)* *Aug 2025 – Dec 2025*

- Developed and maintained features for a live production esports platform using **React**, **Node.js**, and **MongoDB**.
- Built reusable frontend components and integrated **RESTful APIs** to support dynamic content rendering.
- Delivered bug fixes and feature updates collaborating with a remote development team.

Backend / DevOps Intern – *TimesPro (Virtual)* *Jun 2025 – Aug 2025*

- Built and deployed a web application using **Python (Flask)** with a browser-based UI.
- Containerized the application using **Docker** for consistent development and deployment.
- Set up **CI/CD pipelines** using **GitHub Actions** to automate testing and deployment workflows.

Skills Summary

Languages: C++, Java, JavaScript, TypeScript, Python, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Redux, TailwindCSS

Databases: PostgreSQL, MongoDB, Redis

Tools & Platforms: Git, GitHub, Docker, Linux, Firebase, Prisma, RESTful APIs

Cloud: AWS (S3, DynamoDB)

Projects

Multi-Tenant SaaS Blogging Platform (AWS & Node.js) [Source Code](#) [↗](#)

- Designed and implemented a multi-tenant backend using Node.js and TypeScript, ensuring data isolation across organizations.
- Integrated AWS S3 for media storage and DynamoDB via Prisma to support efficient data access at scale.
- Added session management and role-based access control (RBAC) using BetterAuth.
- Stack: Node.js, React, TypeScript, AWS (S3, DynamoDB), Prisma

Real-Time Chat App [Source Code](#) [↗](#)

- Developed a real-time chat application using React and WebSockets for seamless communication without relying on Socket.IO.
- Implemented file transfer functionality via WebRTC for peer-to-peer file sharing.
- Technologies: React, WebSockets, WebRTC, MongoDB, Joy UI

Peer-to-Peer File Sharing using WebRTC [Source Code](#) [↗](#)

- Built a secure, real-time file-sharing application that allows two users to exchange files directly without a server using WebRTC.
- Implemented WebRTC Data Channels for peer-to-peer communication and used Socket.IO for signaling.
- Technologies: React, TypeScript, WebRTC, Socket.IO

Education

College Of Management And Technology *Sep 2021 – May 2024*
Bachelor of Computer Applications (BCA) **CGPA: 7.73**

Centurion University of Technology and Management (CUTM) *Aug 2024 – Present*
Master of Computer Applications (MCA) **CGPA: 9.28**