

SUNIL KUMAR DAS

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CAREER OBJECTIVE

Motivated Computer Applications graduate seeking an entry-level software developer role to apply hands-on experience in full-stack web development and DevOps. Skilled in building modern web applications using React.js, Next.js, and Node.js, with practical knowledge of Docker, Nginx, and AWS for deployment and cloud infrastructure. Eager to contribute in a collaborative team environment while continuously growing across both development and DevOps practices.

INTERNSHIP EXPERIENCE

Web Developer Intern

March 2025

Edubiz Networks

Remote

- Collaborated with development team to build responsive web applications using React.js, Next.js, TypeScript, and Tailwind CSS
- Enhanced application SEO and performance by implementing Server-Side Rendering and Static Site Generation strategies
- Contributed to codebase through Git version control, participating in code reviews and following established coding standards
- Integrated RESTful APIs and optimized state management using Context API to improve application responsiveness
- Participated in agile development process using Jira for task tracking, sprint planning, and timely project delivery

ACADEMIC PROJECTS

wave. – Full Stack Music Streaming App

- Built music streaming app from scratch using React, Node.js, MongoDB, and AWS S3 to handle song uploads, playlists and cover art
- Ran three backend servers simultaneously using Docker Compose and set up Nginx to distribute traffic evenly across them so no single server gets overwhelmed
- Added rate limiting on the API so the backend stays protected even under heavy or repeated requests
- Deployed everything on AWS EC2 and wired-up GitHub Actions so every code push automatically builds and ships the latest version
- Cut down on unnecessary AWS S3 charges by caching presigned URLs for 23 hours instead of generating a new one on every request

Real-Time Chat Application

React.js, Express.js, Node.js, MongoDB, Socket.IO, Tailwind CSS

- Developed full-stack messaging platform enabling real-time communication between multiple users with instant message delivery
- Integrated Socket.IO for bidirectional client-server connectivity achieving seamless live data synchronization
- Implemented secure user authentication system using OTP verification, JWT tokens, and MongoDB for encrypted data storage
- Designed responsive mobile-friendly interface using Tailwind CSS ensuring optimal user experience across all devices
- Deployed application using modern DevOps practices with frontend hosted on Vercel and backend on Render platform
- Live Demo: [View Application](#)

EDUCATION

Master of Computer Applications

2024 - 2026

Odisha University of Technology and Research

CGPA: 8.08/10.0

TECHNICAL SKILLS

Programming Languages: Java, JavaScript

Frontend Technologies: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend Technologies: Node.js, Express.js, RESTful API Development

Database: MongoDB, NoSQL Database Design

Tools & Platforms: Linux, Bash scripting, AWS(EC2,S3,IAM,Lambda,VPC),Docker,Nginx, Git, GitHub,GitHub actions

Core Concepts: Data Structures, Algorithms,Computer Networking, Object-Oriented Programming