

# Sumit Dalai

8658076692 | [sumodalai61@gmail.com](mailto:sumodalai61@gmail.com) | [linkedin.com/in/sumitdalai](https://www.linkedin.com/in/sumitdalai) | <https://github.com/sumit851>

## EDUCATION

**Siksha 'O' Anusandhan Deemed to be University**  
*CGPA: 7.67 (till 6th SEM)*

Bhubaneswar, Odisha  
*Nov. 2021-June 2025*

## SKILLS & INTERESTS

**Programming Languages:** Java, C, C++, JavaScript, HTML, CSS, Shell/Bash

**Web Technologies:** React.js, Next.js, Node.js, Express.js

**Databases:** MongoDB, MySQL, Postgresql

**Cloud & DevOps:** AWS, Docker, Git, GitHub, Linux

**CourseWork:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Networking

## PROJECTS

### InboxIQ

Jul. 2024

- Engineered a full-stack newsletter service using TypeScript, React, Node.js, Express, MongoDB, and Prisma.
- Implemented a robust architecture with Pub/Sub messaging for asynchronous email processing
- Deployed to Google Cloud Platform using CI/CD pipelines for efficient development and release.
- Optimized performance and scalability through careful code design and cloud infrastructure.

### Transcription Web Application

Jul 2024

- Developed a transcription web application using a robust tech stack including Next.js, OpenAI Whisper v3, Modal GPU, TypeScript, Python, FastAPI, and TailwindCSS.
- Implemented a high-performance transcription pipeline by deploying a model on Modal GPU.
- Integrated OpenAI Whisper v3 for accurate and real-time transcription capabilities.
- Constructed a user-friendly frontend interface using Next.js, enabling seamless interaction.
- Engineered a scalable backend API with FastAPI to handle transcription requests efficiently and Improved transcription accuracy by 20%.

### ChatterBox

Aug. 2024

- Built a scalable, real-time chat application using Node.js, Socket.io, Redis, Kafka, and Postgres.
- Implemented authentication, chat rooms, and scaling.
- Used Next.js, Typescript, and Material UI for the frontend.
- Built Robust authentication system in backend and The application is highly scalable and can handle a large number of users.
- End to end synchronuos Communication achieved by using websockets

## CERTIFICATES

**Infosys SpringBoard Principals Of Generative AI Certification.**  
**Certificate in Devops Internals.**

[Link](#)  
[Link](#)

## ACHIEVEMENTS

**HacktoberFest (Sep. - Oct. 2023):** Participated in Appwrite Hacktoberfest 2023, contributing to open-source projects and improving collaboration skills.

**GSSoC (May - Aug. 2023):** Ranked in Top 100 contributors, demonstrating consistent commitment and quality contributions to various projects.

**Social Summer of Code (June - July 2023):** Successfully contributed to multiple organizations, enhancing problem-solving skills and adaptability to different codebases.

**Flipkart Grid 5.0 (July 2023):** Cleared the first round, showcasing strong technical aptitude and competitive spirit.