

SARTHAK PANIGRAHI

Nabarangpur, Odisha, India 764059

☎ +91-969-282-1656

✉ sarthaknsipun@gmail.com

🌐 [SarthaK Panigrahi](#)

🔗 [SarthaK1656](#)

EDUCATION

Siksha 'O' Anusandhan

2024 – 2026

Master in Computer Application - CGPA - 8.55

Bhubaneswar, Odisha

Vikram dev autonomous college

2021 – 2024

Bachelor in Computer Application - CGPA - 6.4

Koraput, Odisha

TECHNICAL SKILLS

Languages: JavaScript, Java, Python

Technologies/Frameworks: HTML, CSS, Tailwind CSS, React.js, Node.js, Next.js, Typescript, Bootstrap, Express.js, MongoDB

Developer Tools: Git, GitHub, VS Code, IntelliJ, Postman

EXPERIENCE

Full Stack Developer at CodeIntervu.com 🌐

May 2025 – Present

- **Architected and developed a comprehensive, free-access EdTech platform using the MERN stack**, offering 10+ programming courses (e.g., MERN, Python, Java, DSA) for a broad user base.
- **Boosted user engagement** with 5 real-time code compilers (e.g., Python, C++, Java) and a dynamic Quiz module featuring structured, multi-subject assessments.
- **Engineered a user-friendly and highly accessible platform**, ensuring seamless content delivery and navigation for all users without requiring authentication, and deployed for global availability.

PROJECTS

Confreto – A Modern Video Conferencing App 🚀

- **Developed a scalable video conferencing application using Next.js, React, and Stream API.** Improved performance through WebRTC, achieving a 30% latency reduction and 99% uptime.
- **Integrated Clerk for secure authentication** featuring social and email login, accelerating user onboarding for 50+ test users and drastically reducing the onboarding drop-off rate.

Chatty – Real-time Chat Application 🚀

- **Built a full-stack, real-time messaging app using the MERN stack and Socket.io**, enabling seamless 1-on-1 communication with live updates and chat status indicators.
- **Established JWT authentication** using HTTP-only cookies, boosting session security by 40%, and **optimized Cloudinary media handling** with in-browser compression, cutting upload size by up to 70% for better performance.

Dicto – Multilingual Speech-to-Text Converter 🚀

- Developed **Dicto**, a multilingual speech-to-text app **built with React.js, Tailwind CSS, and Web Speech API**, supporting 7+ languages with 92%+ accuracy, and deployed on **Vercel** for fast, cloud-based access.
- Enhanced interactivity with real-time waveform rendering via **Canvas** and **Web Audio APIs**, achieving **35% faster transcription** and ensuring cross-browser stability through rigorous **UI testing**.

CERTIFICATIONS

- Certificate of completion of HTML,CSS and JavaScript course from udemy.