

# TEJAS NAYAK

## FULL-STACK + AI DEVELOPER

Udupi, Karnataka | 8296151023 | [tejasnayak25@outlook.com](mailto:tejasnayak25@outlook.com)

**GitHub:** [tejasnayak25](https://github.com/tejasnayak25) | **Linkedin:** [tejas-nayak-3110a7220](https://www.linkedin.com/in/tejas-nayak-3110a7220)

### PROFESSIONAL SUMMARY

Full-stack developer with experience building AI-powered applications, mobile apps, scalable web platforms, and real-time systems. Skilled in modern frontend and backend technologies, with a track record of delivering production-ready solutions through hackathons, internships, and personal projects. Passionate about creating innovative products with a strong focus on performance and user experience.

### WORK EXPERIENCE

#### Software Developer Intern - Giddly

Dec 2025 – Present

- Developed and maintained mobile application features using React Native for Android platforms.
- Built and integrated backend services and APIs using Go (Golang).
- Collaborated with the development team to implement new features, fix bugs, and improve application reliability.
- Worked with REST APIs, authentication flows, and data synchronization between mobile and backend systems.
- Participated in code reviews, testing, and agile development processes to ensure timely delivery of features.

#### Front-End Developer Intern - WAKUWAKU Studio

Mar 2025 – Apr 2025

- Maintained and enhanced comicstrick.art using Nuxt.js, Three.js, and TailwindCSS.
- Improved UI, fixed bugs, and optimized performance.
- Worked in an agile team environment and delivered tasks on schedule.
- Awarded an official certificate for excellent performance.

### SKILLS

#### Programming Languages:

JavaScript, TypeScript, Python, Java, C, C++

#### Frontend & Mobile Development:

HTML, CSS, TailwindCSS, React, Next.js, Three.js, React Native

#### Backend Development:

Node.js, Express, Go (Golang), Django, Flask, RESTful API Design

## Databases:

SQL, MongoDB, Firebase

## Tools & DevOps:

Git, GitHub, Postman, Vercel, Google Colab, Kaggle

## Other Technologies:

WebRTC, Socket.IO, Puppeteer, Gemini API

# PROJECTS

## 1) Varnothsava - College Fest Platform (Live) | [Github](#)

- a. Tech Stack - Next.js, React, TypeScript, Firebase, TailwindCSS, Three.js, GSAP, Framer Motion, Razorpay
- b. Developed and optimized a production-grade event management platform supporting 20+ events and 500+ participants.
- c. Built features using Next.js, React, TypeScript, and Firebase.
- d. Enhanced user experience with interactive animations using Three.js, GSAP, and Framer Motion.
- e. Implemented role-based access control (RBAC) and event administration workflows.
- f. Integrated a payment gateway for event registrations and online payments.
- g. Developed a QR-based ticketing and attendance system for automated participant verification.

## 2) Sitscan - AI-Powered Web Auditing Tool | [Github](#)

- a. Tech Stack - Next.js, Node.js, Puppeteer, Gemini AI, Vercel
- b. Built a web auditing platform for SEO, performance, accessibility, and security analysis.
- c. Integrated Gemini AI to generate automated scores and improvement recommendations.
- d. Automated website scanning with Puppeteer and generated structured reports.
- e. Implemented basic vulnerability checks and Web Vitals analysis.
- f. Deployed on Vercel for real-time testing and feedback.

## 3) Manjari - AI-Powered Language Learning Platform | [Github](#)

- a. Tech Stack - React, Firebase, Gemini AI, TailwindCSS
- b. Developed a progressive web app to gamify language learning for beginners.
- c. Integrated Gemini AI to generate personalized quizzes and learning content.
- d. Used Firebase for authentication and real-time progress tracking.
- e. Built a responsive user interface with React and TailwindCSS.
- f. Deployed on Vercel for seamless cross-device access.

## 4) 3Dmeet - Real-Time 3D Meeting Platform | [Github](#)

- a. Tech Stack - Three.js, Node.js, Socket.IO, MediaPipe
- b. Developed a browser-based 3D meeting platform with real-time avatar interactions.

- c. Integrated MediaPipe and Kalidokit for pose and facial expression tracking.
- d. Implemented low-latency real-time communication using Socket.IO and WebRTC concepts.
- e. Built backend services with Node.js and Express for room management and synchronization.
- f. Enabled users to create and join shared virtual meeting spaces.

## 5) Brain Tumor Segmentation | [Github](#)

- a. Tech Stack - Python, PyTorch, MONAI, Jupyter Notebook, BraTS Dataset
- b. Developed a brain tumor segmentation pipeline using MONAI and PyTorch.
- c. Explored deep learning approaches for MRI-based tumor segmentation using MONAI and PyTorch.
- d. Built preprocessing, training, and evaluation workflows for medical imaging datasets.
- e. Focused on reproducibility and scalability for research applications.

## EDUCATION

### B.E in Computer Science and Engineering

2023-2027

Shri Madhwa Vadiraja Institute of Technology and Management, Karnataka  
CGPA: 8.86/10.0

### Pre-University Course (KSEAB)

2021-2023

Jnanaganga P.U. College, Karnataka  
Percentage: 94.5%

### SSLC (CBSE)

2012-2021

Vidyavardhaka English Medium School, Karnataka  
Percentage: 86.6%

## ACHIEVEMENTS

- Secured ₹5 lakh NAIN 2.0 funding for SoilSense, an agriculture-focused technology project.
- Organized Hackotsava and Mini Hackathon involving 100+ participants, coordinating logistics, mentoring teams, and managing technical operations.
- Conducted 5+ technical workshops attended by over 150 students on Web Development, YOLO-based Object Detection, and Full-Stack Engineering.
- Delivered skill development sessions on Vibe Coding and OCR basics.
- 1st place – Monaithon Hackathon at JNNCE, Shivamogga
- 1st place – Plasma 2K24 Hackathon at JNNCE, Shivamogga
- 1st place – Hack-a-thon, College Techfest
- 2nd place – Hacknight 2024 Hackathon at Sahyadri Engineering College