

# Avadhootha Sai Tarun

## Fullstack Web Developer | Software Engineer

Full-stack Developer with **3+ years** of hands-on experience, specializing in frontend engineering and building AI-powered voice and communication platforms for modern SaaS products. As a **Founding Engineer**, I've led product development from scratch to deployment—owning the entire frontend stack while also contributing to backend, DevOps, and AI voice agent systems. Proven ability to ship fast and solve real business problems in fast-paced startup environments.

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📍 Bangalore, Karnataka

🐙 [GitHub](#)

🌐 [Portfolio](#)

### WORK EXPERIENCE

#### Founding Engineer - Overhyped AI

Bangalore

SEP 2023 - SEP 2025

- **Led Frontend Development:** Built and owned the frontend architecture (React, TypeScript, Zustand) for the customer-facing UserDashboard, in-app Widget, and a production-grade NPM integration package.
- **Built AI Voice Agent Platform:** Developed core AI Voice Assistant in Python using STT, TTS, RAG, and LLMs; engineered prompts for dynamic, multilingual conversations with handoff and vision-based context.
- **Built a FastAPI architecture** for e-commerce order verification featuring Celery-based scheduling, concurrency control, and a Python worker handling real-time multilingual AI calls.
- **Launched Marketing Website:** Delivered Overhyped AI's marketing site in just 3 days using Next.js, accelerating customer outreach.

#### Fullstack Web Developer (Intern) - AI Palette

Bangalore

FEB 2023 - JULY 2023

- Built a **personalized dashboard** that drove **85% of website traffic**, improving data accessibility and user efficiency.
- Created a POC feature to showcase platform insights, accelerating **customer acquisition** and conversion.
- **UI/UX Enhancements:** Developed reusable components, implemented advanced filtering interfaces, and contributed to core features with ongoing UI/UX improvements.

#### Fullstack Web Developer (Intern) - Spoonshot

Bangalore

APR 2022 - JAN 2023

- **Built Insightful Trend Features:** Leveraged historical time series data to visualize trend progressions and monthly transitions, enhancing decision-making for users.
- **Fullstack Contributions:** Developed backend models, APIs, and frontend components; resolved bugs and participated in product enhancements and code clean-up.

### EDUCATION

#### B.Tech, Computer Science & Engineering

2019 - 2023

Lovely Professional University, Punjab

CGPA: **8.20**

#### XII - Board of Intermediate Education (Telangana)

2019

Sri Sanjeevni Junior College, Hyderabad

Percentage: **95.8**

### TECHNICAL SKILLS

**Frontend:** ReactJS, Next.js, JavaScript, TypeScript, Tailwind, Vite, Zustand, NPM, Redux, Webpack, Material UI  
**Backend:** Python, Django, FastAPI, PostgreSQL, MySQL, MongoDB, REST APIs, Node JS, Elasticsearch, Solr  
**DevOps (Intermediate):** Docker, Kubernetes, Helm, Azure  
**AI & Voice Tech:** Prompt Engineering, RAG, STT, TTS, LLM Agents, LiveKit, Multilingual Conversational AI

### PROJECTS

**create-npm-pkg** - NPM Package CLI to scaffold a new NPM package. Inspired by Next.js starter pack; enables rapid setup with opinionated defaults for faster development.

`npx @sai-tarun/create-npm-pkg@latest`

#### Designer's Portfolio

Responsive portfolio site using ReactJS. Focused on layout architecture, reusable components, and mobile responsiveness.

#### Birthdays App

CRUD app for managing birthdays using React + Firebase.

### ACHIEVEMENTS & CERTIFICATIONS

- Participated in and emerged as a winning team in the Spoonshot employee Hackathon, which featured three teams. [Demo](#)
- Frontend Web Development - Board Infinity

### INTERESTS

Graphic Design, Vector Art, UI/UX Design