

# Marugani Reddi Sekhar

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## Professional Summary

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Computer Science student pursuing an Integrated M.Tech at VIT-AP University (in collaboration with Virtusa). Proficient in Python, Java, HTML/CSS, and experienced with React, Next.js, Prisma, Firebase, Node.js, SpringBoot, and MongoDB. Familiar with Java frameworks and eager to apply data science principles. Skilled in team collaboration, UI/UX design, and agile development practices. Passionate about software innovation and end-to-end development.

## Education

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### Integrated M.Tech in CSE

2022 – 2027

VIT-AP University, Amaravati, India

### Intermediate (MPC)

2020 – 2022

Sri Chaitanya Junior College, Tirupati, India

### SSC

2018 – 2020

Z.P. High School, Madanapalle, India

## Technical Skills

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- **Languages:** Python, Java, HTML, CSS, JavaScript
- **Frameworks & Tools:** React, Next.js, Prisma, Node.js, Git
- **Databases & Hosting:** PostgreSQL, MongoDB, Firebase, Vercel
- **Other:** UI/UX Design, Agile Methodology, Responsive Design

## Projects

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### • TroubleShooters Compressor Toolkit [GitHub link](#)

- Compression tool kit for compressing images, videos, and documents with improved quality.

### • My AI Assistant [GitHub link](#)

- Voice-based assistant for web search, weather, automation. Uses Python, Speech Recognition, Text-to-Speech (TTS), OpenAI API.

### • Xaffle Blockchain [Devfolio link](#)

- Decentralized NFT raffle DApp deployed on Polygon, Ethereum, and XDC networks. NFT creators host raffles, users buy tokens to participate, and winners claim unique digital assets. Experience transparent, secure, and engaging NFT experiences with Xaffle!

### • MANACUSTOMCHOCO [Vercel Link](#)

- A beautiful Next.js application for showcasing custom chocolate wrappers with admin functionality, late-night pricing, and interactive gallery features.

### • Fire & Gas Detection System [GitHub link](#)

- Introducing: Next-Gen Home Safety! Our Fire and LPG Gas Detection System with Video Alerts and Telegram Integration delivers real-time protection. Stay ahead of emergencies with instant notifications and visual insights sent directly to your phone. Revolutionize your home safety today!

### • ParkPlaze [Vercel link](#)

- Full-stack parking slot booking platform offering prebooking, location filtering, and additional services like fuel/cleaning. Built with Next.js, React.js, MongoDB cloud and Render deployment for backend.

### • Enhanced Speech Emotion Recognition (SER) System [GitHub link](#)

- An advanced Speech Emotion Recognition system for real-time and file-based emotion analysis, featuring a modern GUI, AI-powered chat responses, and robust model training and evaluation.

## Professional Experience

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- **Software Developer** Dec 2024 – Present  
*AppNexus Pvt. Ltd.*, Remote
  - Built full-stack app with Next.js and Prisma.
  - Improved backend API efficiency and added reusable UI components.
  - Followed Git-based version control and Agile process.
- **Full Stack Web Developer Intern** Nov 2024 – Present  
*Prayana Electric*, Remote
  - Developed admin dashboard, integrated backend APIs.
  - Improved frontend UX and deployed updates weekly.
- **Technical Lead** Feb 2025 – Present  
*Pregrad*, Remote
  - Managed small development team.
  - Guided interns on feature design and task management.
- **Java Intern** Apr – May 2024  
*InternPe*, Remote
  - Worked on basic Java applications.
  - Collaborated on peer-reviewed software modules.

## Certifications

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- Microsoft Azure Fundamentals: Describe Cloud Concepts – Microsoft Learn
- Hacktoberfest 2024 Participation – GFG VIT-AP Student Chapter
- Python Essential Training – LinkedIn Learning
- Certificate of Appreciation – Software Project Management
- Code Crunch – VIT-AP
- Core Member – GeeksforGeeks VIT-AP Chapter

## Languages

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English (Professional), Korean (Limited), Hindi (Limited)

## Extracurricular Activities

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- Outreach Team Lead – VIT-AP Newspaper Club
- Core Member – GEEKS FOR GEEKS VIT-AP Chapter
- Marketing Member – MathClub VIT-AP
- Member – Rotaract Club of VIT-AP
- Internal Affairs – VIT-AP University