

PREMCHAND GEDDADA

Visakhapatnam, India | +91- 9121302879 | Open to Relocate

premchandgeddada@gmail.com | [linkedin.com/in/gpremchand](https://www.linkedin.com/in/gpremchand) | github.com/premchand505 | premchandgeddada.com

SKILLS

Programming Languages: C++ (DSA), TypeScript, JavaScript(ES6+), Python, SQL

Frontend Development: React, Next.js, Tailwind CSS, HTML5, CSS3

Backend Development: Node.js, NestJS, Express.js, FastAPI

Databases & Cloud: PostgreSQL, MongoDB, Supabase, Docker, GCP (Cloud Run, Cloud Storage), Firebase

Developer Tools & APIs: Git, Postman, RESTful APIs, WebSockets (Socket.IO), Stripe API

PROJECTS

EventSphere - Full stack Event Management Platform with Real time Features

Live: eventsphere-frontend.vercel.app | GitHub: github.com/premchand505/eventsphere-frontend

- Built production-ready event management platform with real-time features deployed on GCP Cloud Run
- Implemented JWT/OAuth authentication, Stripe payment integration, and real-time chat using Socket.IO
- Architected scalable backend with NestJS and PostgreSQL (Supabase), achieving sub-200ms API response times
- Supports concurrent users with room-based chat isolation and event creation/management workflows
- Tech Stack: Next.js, NestJS, PostgreSQL, Stripe API, Socket.IO, Docker, Google Cloud Run

Haptic Video Generator - AI-Powered Video Haptics Processing Platform

Live: haptic-studio.vercel.app | GitHub: github.com/premchand505/haptic-studio

- Built cloud-native video processing platform handling uploads up to 250MB with AI-powered haptic generation
- Developed microservices architecture with decoupled Next.js frontend, NestJS orchestration, and FastAPI AI worker
- Implemented ML pipeline using FFmpeg and Librosa for audio extraction and haptic pattern generation (JSON, AHAP)
- Deployed on GCP Cloud Run with automated CI/CD and cloud storage integration for video asset management
- Tech Stack: Next.js, NestJS, Python/FastAPI, GCP (Cloud Run, Cloud Storage), PostgreSQL, Docker

Job Hunt Navigator - Chrome Extension & Dashboard

- Developed Chrome extension with React dashboard for automated job application tracking and management
- Engineered DOM scraping system using Chrome.debugger API achieving 95% accuracy on Indeed job listings
- Implemented real-time cross-device synchronization using Firebase Firestore with optimistic UI updates - Secured user data with Firebase Auth and OAuth 2.0 flow; installable locally via GitHub
- Tech Stack: Chrome Extension APIs, React, Firebase (Firestore, Auth), TypeScript, Tailwind CSS
- GitHub: github.com/premchand505/job-hunt-navigator

EXPERIENCE & INTERNSHIP

Python Developer Intern | HMI Engineering Services | Vizag |

11/2024 - 04/2025

- Worked on developing full-stack applications using React.js, and PostgreSQL for frontend and FastAPI backend
- Built and integrated REST APIs with CRUD operations for real-time data management and monitoring
- Collaborated using Git for version control and conducted API testing with Postman

Frontend Developer (Freelance) | Fitness Edge Gym | Vizag

- Built and deployed responsive landing page using Next.js and Tailwind CSS, improving online presence
- Increased profile visits and lead conversions by 25-30% through optimized UX design and fast page loads
- Delivered project meeting all client requirements with ongoing maintenance support

EDUCATION

Bachelor of Technology in Computer Science Engineering

Gayatri Vidyaparishad College of Engineering (A) | CGPA: 7.88 | 2021 - 2025

Relevant course work : Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning

CERTIFICATIONS & BADGES

AWS Academy Graduate - Cloud Foundations | Amazon Web Services - June 2023

AWS Academy Graduate - Data Analytics | Amazon Web Services - July 2023

CISCO - Introduction to Cyber Security | Cisco Networking Academy - May 2023