

DILEEP KUMAR TEKKALI

AI Full-Stack Developer

Tadepalligudem, Andhra Pradesh - 534101, India | +91 9390247197 | dileepkumar66682@gmail.com

LinkedIn | GitHub | Portfolio

CAREER OBJECTIVE

AI full-stack developer with experience building scalable and high-performance web applications. Interested in system design, real-time applications, and performance optimization.

TECHNICAL SKILLS

- **Languages:** C, Python, JavaScript, Dart
- **Frontend:** HTML5, CSS3, JavaScript, React.js, Flutter, Responsive Web Design
- **Backend:** Flask, FastAPI, REST APIs
- **Databases:** SQLite3, Supabase (PostgreSQL)
- **AI Tools:** Ollama (Local Models), Codex CLI, Gemini CLI, OpenCode CLI, OpenAI APIs
- **Systems:** Linux/Unix Administration, SSH Tunneling, Port Forwarding, Domain Configuration
- **Deployment:** Vercel, Render, Firebase
- **Other Tools:** Git, GitHub, cURL, LLDB, PDB, Visual Studio Code, Antigravity

PROJECTS

Study-Viz – Interactive Educational Visualizer | 2025



Tech Stack: Flutter, Dart, FastAPI, Python | github.com/DileepTekkali/Interactive-visualizer

- Developed an interactive web application for visualizing mathematical and scientific concepts through dynamic simulations, calculators, and educational tools for students from Class 6 to 12.
- Built comprehensive modules including Mathematics, Physics, and Chemistry concepts.
- Implemented real-time parameter adjustments with sliders, animated simulations, and interactive charts.
- Created optional FastAPI backend for enhanced functionality.

VaidyaDrishti – AI Medical Prescription Analyzer | 2026



Tech Stack: React, Vite, Groq API, Llama 4 Scout Vision | github.com/DileepTekkali/vaidhyadrishti

- Developed medical prescription analysis platform using vision-based AI for OCR and digitization.
- Built responsive UI and privacy-focused architecture.

MudraDesk – Invoice & Quotation Management System | 2025



Tech Stack: Flask, Python, Supabase, PostgreSQL, Vercel | github.com/DileepTekkali/MudraDesk

- Built full-stack invoice and quotation generation platform.
- Implemented authentication and RESTful APIs.
- Created dynamic PDF generation system.

EDUCATION

Bachelor of Technology in Civil Engineering

SRKR Engineering College, Bhimavaram
CGPA: 6.54/10

| 2021 – 2025

Intermediate

Sri Vani Junior College, Tadepalligudem
CGPA: 7.7/10

| 2019 – 2021

SSC

Aditya Vidyaniketan E.M. School, Tadepalligudem
CGPA: 9.5/10

| 2018 – 2019

ACHIEVEMENTS

- **AI for Vizag Buildathon 2026 – Certificate of Participation**

FluentGrid | February 2026

Participated in a 24-hour AI buildathon, collaborating to design and develop AI-driven solutions in a fast-paced environment.

KEY STRENGTHS

- Strong analytical thinking and problem-solving
- Linux/Unix command-line expertise
- Time management and teamwork

DECLARATION

"I Declare That The Above Information Is Accurate To My Knowledge And Belief." – DILEEP KUMAR
TEKKALI