

Rayyan Azeem Syed

SOFTWARE DEVELOPER · FULL-STACK & AI

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OBJECTIVE

Final-year B.Tech Computer Science student and Co-Founder & CEO of HMGenX, seeking a **Software Developer** role where I can apply hands-on full-stack and AI / computer-vision experience. Have built, deployed, and sold **multiple revenue-generating products (₹60,000+)** for real clients.

EXPERIENCE

Co-Founder, CEO & Lead Developer

HMGenX

2023 – Present

- Lead a team building **full-stack web, mobile & desktop apps and AI software & automation** for real clients, owning delivery end-to-end.
- Hands-on across the stack and computer vision (OpenCV, YOLO, CUDA); shipped paid projects generating **₹60,000+ revenue**.

Front-end Development Intern

InLighnX Global Pvt. Ltd.

Jul – Sep 2025

- Built a **browser-based live translator** with real-time speech/text translation, voice input, TTS, and local history using **JavaScript (Web Speech API), GSAP & LocalStorage**.

Web Development Intern

Konic Technologies

Apr – Jul 2025

- Worked across **front-end and back-end web technologies**, contributing to real-time client projects.

PROJECTS

Lipi — Bharat Script Transliteration App

★ SIH 2025

Flutter · Google ML Kit · Tesseract / OpenCV OCR · REST API

- Cross-platform mobile app for **transliteration & translation across Indian scripts and English**, with **camera-based OCR for signboards**, offline on-device ML models, real-time typing, and auto script-detection (~78% transliteration accuracy). Built as a solution for **Smart India Hackathon 2025 (Problem Statement #25155)**.

OMR Scanner & Mark Report System

★ Deployed · ₹40,000

Python · OpenCV · MySQL · Desktop & Mobile App

- Real-time scanner for **JEE & EAMCET OMR sheets** at **98.6% accuracy and 2–3 papers/second**, auto-generating detailed mark reports; **deployed and sold to 2 institutions** (₹20,000 each) with a **Certificate of Appreciation from Nakshatra IIT-JEE Academy**.

Plot Map Detection System

★ Client · ₹20,000

Python · YOLO · OpenCV · CUDA (GPU) · PyQt6

- For **Sri Bramharamba Real Estate, Guntur**: a **GPU-accelerated YOLO** system that detects plots from a map image at **99.2% accuracy (~5,000 plots in 3s on a single GPU)**, outputting **precise coordinates and plot numbers**; shipped as a **PyQt6 desktop app**.

TECHNICAL SKILLS

Programming

Python C JavaScript Dart

Web & Mobile

HTML5 CSS3 React.js Node.js Flutter

Web Design UI/UX PyQt6

AI & Machine Learning

OpenCV YOLO PyTorch TensorFlow

Pandas CUDA / GPU ML Kit

Databases & Core CS

MySQL Supabase Firebase REST APIs

DSA OOP DBMS

TOOLS EXPERIENCED

Git GitHub Docker Linux Postman

VS Code Android Studio

CODING PROFILES

LC leetcode.com/u/Rayyan_Azeem

HR hackerrank.com/your-handle

EDUCATION

B.Tech, Computer Science

RISE Krishna Sai Prakasam, Valluru

Expected 2027 · SGPA 8.44

Intermediate (MPC)

Narayana Junior College, Kandukur

2023 · 95.3%

SSC

Narayana EM School, Kandukur

2021 · 100%

ACHIEVEMENTS

- Certificate of Appreciation — Nakshatra IIT-JEE Academy.
- Multiple chess medals; district-level Kabaddi player.

LANGUAGES

Urdu Native

Hindi B2

Telugu B2

English B1