

Kamil Hassan A

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Career Objective

Final year Computer Science student with a proven ability in app development and a strong passion for cloud and AI and technologies. Experienced in building functional, user-centric applications. A quick learner dedicated to solving complex real-world problems.

Field of Interest

- Full Stack Development
- Mobile App Development (Android & Cross-Platform)
- Cloud Computing (GCP)
- Automation Scripting (Python and Selenium)

Technical Proficiency

Programming Languages: Python, Java, JavaScript, Dart, Kotlin, C, C++

Frameworks & Tools: Flutter, Android Studio, FastAPI, Nginx, GCP, Google Colab, ML Kit, Groq API, Git, Figma

Projects & Internships

Full Stack Intern

TamrielAGI – Silicon Valley-based AI Startup

- Contributed to a fast-paced startup environment, gaining hands-on experience with Google Cloud Platform (GCP) and Google Colab.
- Developed and maintained a robust backend system featuring JWT-based authentication and secure API integration using FastAPI.

GPACalculator

Android App | PDF Processing | Academic Tool

- Engineered an Android app to automate GPA calculation by parsing PDF marksheets from colleges or DigiLocker.
- Implemented precise data extraction using Regular Expressions to capture grades and credit hours.

WhatSweep

Android App | On-Device ML | File Management

- Created an intelligent Android app to automatically organize and clean study-related media from WhatsApp.
- Deployed a custom trained TensorFlow Lite model for on-device image classification using Google's ML Kit.

SuperXO

Cross-Platform Game | Flutter | State Management

- Built a 9x9 multiplayer tic-tac-toe variant with nested 3x3 grids, playable on multiple platforms.
- Leveraged Flutter and the Provider package for efficient state management of complex game logic.

Hackathons

LingoFlow – Assistive Reading Device for Dyslexic Individuals

Innov-Era Hackathon, K.K. Wagh Institute, Nashik, Maharashtra | Hardware-Software Integration Project

- Co-developed a wearable reading aid using a Raspberry Pi Zero and a companion mobile app to assist dyslexic users.
- Implemented on-device ML models with MediaPipe for gesture recognition, triggering OCR and text-to-speech pipelines.

Winners – Shaastra Techathon AI/ML Challenge 2

IIT Madras | NeuralSparks Team | Kaggle Competition

- Constructed a predictive model to accurately forecast maximum daily temperatures for multiple cities using time-series weather data.

Education

B.E.	Velammal Engineering College, Chennai , Computer Science and Engineering	Pursuing (2022 - 2026)
	• CGPA: 8.64 (Until 5th Sem) • University: Anna University	
HSC	Good Shepherd MHSS, Kanyakumari , 12th Standard	2021
	• Percentage: 94.06% • Board: State Board	
SSLC	Good Shepherd MHSS, Kanyakumari , 10th Standard	2019
	• Percentage: 93.2% • Board: State Board	