

SARATHKUMAR K

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PROFILE

Aspiring Computer Science student with strong foundations in C, Python, and a keen interest in Artificial Intelligence and Machine Learning. Motivated to apply technology to solve real-world problems.

EDUCATION

A.P.J. Abdul Kalam Technological University , B.Tech in Computer Science and Engineering	2023 – 2026
Kerala State Board of Technical Education , Diploma in Computer Science and Engineering	2020 – 2023
Board of Higher Secondary Examination , Higher Secondary	2018 – 2020

SKILLS

Programming Languages: C, C++, Python, JavaScript, TypeScript, Dart

Frameworks & Libraries: React, Next.js, Tailwind CSS, FastAPI, Flutter

Cloud & Technologies: MySQL, PostgreSQL, Supabase, Git, Docker, GNU/Linux

INTERNSHIPS

Machine Learning Intern | GrapesGenix Technical Solutions Pvt. Ltd, Thrissur

- Gained basic exposure to machine learning concepts and workflows through hands-on practice.
- Implemented a simple machine learning model for thyroid disease detection using a structured dataset.

PROJECTS

KTU-Analyzer

- Web app for parsing KTU result PDFs and visualizing academic performance.
- Features drag-and-drop PDF uploads, PDF-to-Excel conversion, and interactive charts.
- Built using React and custom data-processing scripts.

CramX – AI Flashcard Generator (github.com/Pr0-T0/CramX-FlashCardGenerator)

- AI-powered flashcard generator that extracts content from PDF materials via a Colab backend.
- Outputs structured JSON flashcards for personalized review through a user-friendly interface.

DonorNet (github.com/Pr0-T0/DonorNet)

- Full-stack blood donation platform developed using Supabase and React.
- Features role-based dashboards, real-time emergency alerts, and intelligent donor matching.

Vyvidh '25 – Tech Fest Website (vyvidh.vidyaacademy.ac.in/)

- Designed and developed the official website for the annual college tech fest, providing event schedules, registrations, and live updates.
- Improved event engagement by enabling 1000+ participants to register and stay updated in real-time.

ACHIEVEMENTS AND CERTIFICATIONS

- AikyamVAST Technical Lead
- **Young Innovators Programme 7.0** District Level Winner (K-DISK) [View Certificate](#)
- Introduction to Deep Learning & Neural Networks with Keras – IBM [View Certificate](#)
- JavaScript - Infosys Springboard [View Certificate](#)

INTERESTS

Contributing to Malayalam tech communities, Open Source (especially Indian dev tools), Exploring performance tips & DevTools hacks, Following Indian tech/startup ecosystem, Embedded Systems, Artificial Intelligence