

BHARATH S

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Profile Summary

A passionate and results-driven **Developer** with practical experience in building business solutions using **Microsoft Power Platform** (Power Apps, Power Automate, and SharePoint) and cross-platform mobile applications with **Flutter**. I have completed impactful internships where I developed enterprise applications and automated key workflows, gaining valuable exposure to real-world software development practices. In addition, I have actively participated in multiple **Hackathons**, where I led or collaborated on innovative projects—some of which earned **top positions and awards**. These experiences have enhanced my ability to think critically, solve problems efficiently, and work effectively under pressure. I am well-versed in integrating modern UI/UX principles, connecting diverse data sources, and delivering scalable, user-friendly apps. Eager to apply my technical skills and creativity in a professional setting, I am currently seeking a full-time role where I can contribute to impactful digital solutions and grow as a developer.

Education

KPR College of Arts Science and Research, Coimbatore, Tamil Nadu <i>Bachelor of Science in Computer Science with Data Analytics</i>	2023-Present <i>CGPA: 6.9</i>
Sri Ramakrishna Vidyalaya Matric Hr.Sec.School, Tirupur, Tamil Nadu <i>Senior Secondary (XII)</i>	2022-2023 <i>Percentage: 60</i>
Sri Ramakrishna Vidyalaya Matric Hr.Sec.School, Tirupur, Tamil Nadu <i>Secondary (X)</i>	2022-2023 <i>Pass</i>

Skills

Microsoft Power Platform: Power Apps, Power Automate, Power BI, SharePoint Online, Excel

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

Web Technologies: Flutter, HTML, CSS, JavaScript

Databases: MySQL, Firebase

Tools: Git, VSCode

Soft Skills: Effective Communication, Team Collaboration, Problem Solving, Adaptability, Time Management

Internship

Deep Space Technology, Coimbatore, Tamil Nadu <i>AI Intern</i>	May 2024 – June 2024
Developed an interactive chatbot application that assists users in analyzing character traits and personalities from various literary works, enhancing reader engagement and understanding by providing insights into character motivations and development.	

Certificates / MOOCs

• Power Platform 101 (PowerApps911)	<i>Apr 2025</i>
• SQL (Intermediate) (HackerRank)	<i>Mar 2025</i>
• Frontend Developer (React) (HackerRank)	<i>Mar 2025</i>
• Introduction to Cloud (Cognitive Class / IBM)	<i>Mar 2025</i>
• Data Visualization with Power BI (Great Learning)	<i>Jun 2024</i>

Projects

Publication Chat Bot *Secured 1st Place*

- Designed a chatbot that retrieves scholarly publication and author details using public APIs like CrossRef, DOAJ, and Semantic Scholar.
- Supports ISSN-based queries to locate journals and integrates Gemini AI for advanced conversational interactions.
- Cross-platform support for mobile and web interfaces.
- Tools and Technologies: **Flutter, Gemini API, REST APIs (CrossRef, DOAJ, Semantic Scholar), Dart, Android/iOS compatible.**

Tamil Hackathon - Tamil OCR Project *Secured 13th Place*

- Built a multilingual OCR system with support for Tamil and English using embedded integration of **Tesseract OCR** and **Google Vision API**.
- Integrated intelligent character recognition (ICR), auto text correction, synonym-based word replacement, multilingual translation, and text-to-speech features.
- Deployed as a mobile app with cross-platform support.
- Tools and Technologies: **Flutter, Firebase, Tesseract OCR, Google Vision API, Dart, Android/iOS compatible.**

Food Ordering App

- Developed a cross-platform food delivery app replicating real-world food ordering systems with cart, checkout, payment, order tracking, and restaurant listing features.
- Supports authentication, live order status updates, and database-backed menus and user profiles.
- Tools and Technologies: **Flutter, Firebase (Auth, Firestore, Storage), Dart, Android/iOS compatible.**

SOS Application

- Implemented an SOS app that sends location-based notifications with phone vibrations to favorite contacts and includes other emergency features.
- Monitors harmful app usage on Android devices and supports both iOS and Android platforms.
- Tools and Technologies: **Flutter, Firebase, Dart, Android/iOS compatible.**

Book Chat Bot

- Processes user questions about books by computing their similarity to pre-defined book descriptions using TF-IDF vectorization and cosine similarity.
- Dynamically displays detailed book information with a typing effect based on the most relevant match to the user's query.
- Tools and Technologies: **Python, Flask, TF-IDF, Cosine Similarity.**

Live Drowsy Detector

- Monitors live video for signs of drowsiness and triggers an alert and alarm when the user appears sleepy.
- Backend uses Flask and OpenCV for real-time face detection and streaming, while the frontend is developed with React for UI updates.
- Tools and Technologies: **Python, Flask, OpenCV, React, Axios.**

Achievements

- 1st Place, **Fixit@KPRCAS 24-Hour Intra-Collegiate Hackathon** for “Publication Chatbot,” served as Team Lead (Mar 2025)
- Team Lead, **Tamizhi Language Tech Hackathon** conducted by StartupTN Madurai & Thirai — secured 13th place out of 50+ teams (May 2025)
- Participant, Asia Book of Records event — **“70 Uniquely Crafted Robots Cleaning 1,000 sq.ft Simultaneously for 25 Minutes”**, organized by Dept. of Computer Science & Data Analytics, KPR CAS (Dec 2024)
- Showcased innovative projects at the Project Expo during **NEXUS 23**, engaging attendees with demos and gathering feedback from industry professionals and peers.
- Showcased innovative projects at the Project Expo during **NEXUS 24**, engaging attendees with demos and gathering feedback from industry professionals and peers.

Languages

- Tamil (Native)
- English (Professional)