

KRISHNARAJ R

Trivandrum, Kerala

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PROFESSIONAL SUMMARY

EDUCATION

College of Engineering Muttathara <i>B.Tech - Computer Science and Engineering - CGPA – 8.5</i> Govt.Model Boys Higher Secondary School Kollam <i>Higher Secondary Education - Percentage – 86%</i>	2020 – 2024 <i>Thiruvananthapuram, Kerala</i> 2018 – 2020 <i>Kollam, Kerala</i>
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SKILLS

Programming Languages: Python, JavaScript, HTML , SQL
Frameworks/Libraries: Python Flask, TensorFlow, OpenCV, React Js, Express, Node.js, Tailwind CSS
Technologies: Machine Learning, Generative AI, LLMs
Developer Tools: VS Code, PyCharm, Canva
Soft skills: Creativity, Adaptability, Communication Skills , Teamwork

Internships

Intern at Kerala State Electronics Development Corporation Ltd. <i>Role - Web Developer</i> <ul style="list-style-type: none">• Learned Fundamentals of Website Development• Developed a responsive Front end and Backend using HTML, CSS, React , Node , Express , MongoDB	May 2023 - June 2023 <i>Thiruvananthapuram, Kerala</i>
Intern at Charlnetic Technologies <i>Role – Data Analyst</i> <ul style="list-style-type: none">• Completed a one-week internship focusing on data analysis using Microsoft Excel.	April 2022 - May 2022 <i>Thiruvananthapuram, Kerala</i>

PROJECTS

Personalized Career Coach / <u>Python, Flask, LLMs, JavaScript, HTML, CSS, LangChain</u> <ul style="list-style-type: none">• Developed an Generative AI-powered career coach that offers three key applications: a resume polisher, a personalized cover letter generator, and a career advisor• These tools use Llama-2-70-b LLM to support job seekers by offering personalized guidance and improving their job application process.	2024
Smart Spectacles for Visually Impaired / <u>Python, OpenCV , TensorFlow ,AdaFruit IO, pytsx3</u> <ul style="list-style-type: none">• Developed a pair of smart spectacles using Raspberry Pi 4 to assist visually impaired individuals.• The system includes voice recognition and response features, enabling users to navigate and identify objects in their environment, personalized face recognition, Optical Character recognition and Health Monitoring.• A Utilized a camera and machine learning algorithms to detect objects and provide real-time voice feedback. Implemented the project using Python, OpenCV, TensorFlow , and the pytsx3 and SpeechRecognition libraries.	2023-2024
Realtime Parking Space Counter / <u>Python , OpenCV</u> <ul style="list-style-type: none">• The Project employs Python and OpenCV to create an automated system for accurately counting available parking spots• By analyzing Realtime video, the system utilizes image processing and object detection techniques to identify vehicles and segment parking spaces	2023

CERTIFICATIONS

- IBM AI Developer – Coursera [pursuing]
- Python for Data science, AI & Development – IBM ,Coursera
- Career Essentials in Generative AI Course – Microsoft & LinkedIn

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, Bootstrap
Developer Tools: VS Code, PyCharm, IntelliJ, Canva

CODING PLATFORMS

- Solved **1200+** Problems on **Leetcode**. [!\[\]\(6302aad5aed157b291fddf37b4870784_img.jpg\)](#)
- Solved **500+** Problems across **GeeksforGeeks** and **InterviewBit**. [!\[\]\(a9ca2c237943a6d0a9f22252f295b6f3_img.jpg\)](#)
- Pupil on Codeforces Max Rating **1348** [!\[\]\(9a01a64e0b4ff865df7d32ee7991fe8b_img.jpg\)](#)

CERTIFICATIONS

- Mastering Data Structure and Algorithms - Udemy
- C++ - Udemy
- Graph data structure for CP - Udemy

EXTRACURRICULAR

- Taught basic C++/DSA in offline Mode. 05-2021 – 12-2021
- NSS Member from 2019 to 2022