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Profile

A versatile full-stack developer proficient in Python and with foundational knowledge of VR and web . Complemented by expertise in HTML and CSS. Renowned for crafting innovative solutions and demonstrating excellent communication skills, both verbally and in writing.

Education

Aug 2021 – Aug 2025 Kollam, India	Bachelor of Technology in Computer science (CGPA:8.3), POSITION CLASS REP Amrita Vishwa Vidyapeetham
2020 – 2021 Trivandrum, India	Senior Secondary (GPA:9.1) Jyothis Central School
2018 – 2019 Trivandrum, India	Secondary School (Percentage :93.4) Jyothis Central School

INTERNSHIPS

Jan 2023 – Jul 2023 Kollam, India	Virtual-Reality Developer, AMMACHI Labs Developed a drone simulator app on unity and deployed it on the web also a collaborative assembly on scaffolding on virtual reality. Volunteering, College At Seva Programs, Streamlit student ambassador
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Projects

Mar 2024 – Apr 2024	Bro Code, Ongoing <ul style="list-style-type: none">A platform built with SQL, React, and Node.js for group coding showdowns. It enables collaborative coding sessions among friends, allowing users to join rooms, select topics, and set difficulty levels. Together, they tackle challenges, followed by reviewing each other's code. Prepare for exhilarating group coding battles and collective growth!
Sep 2023	Sanjayan (A personal guide for blind people) A web app aiding blind individuals to navigate public spaces independently, leveraging various models and APIs for environment and people recognition, with alerting features including SOS messages. Designed to assist those lacking support or resources for daily activities.
Jul 2023 – Jul 2023	COLLABORATIVE-SCAFFOLDING-ASSEMBLY SIMULATOR(C#), International <ul style="list-style-type: none">Addressed safety risks in constructionVR system and app for risk prevention.
Nov 2021 – Dec 2021	DATA STRUCTURE VISUALISER, COURSE PROJECT & Team Leader <ul style="list-style-type: none">Led a team in developing React-based visualizations for data structures.
Aug 2021 – Aug 2021	DYSLEXIA DETECTION, NATIONAL LEVEL GOVT'S HACKATHON / WINNING TEAM <ul style="list-style-type: none">Achieved 90% dyslexia detection accuracy using Azure Cognitive Services and decision tree machine learning.
Aug 2021 – Oct 2021	MULTI DISEASE PREDICTION(Machine learning) <ul style="list-style-type: none">Enhanced Web deployed health tracking using machine learning, predicting diseases like diabetes, heart disease, and Parkinson's.

Skills

Soft Skills

Communication

Adaptability

Creativity

Teamwork

Patience

Networking

Technical Skills

Problem solving (Python, JavaScript, Java, SQL)

- Hackerrank(5★)
- leetcode(200+)

Game Development (c#) — Proficient

Cloud — Proficient
Azure

Frontend Development — Proficient
React, html , css , js , spline ,node js

Backend Development
Node js,Express js

Database — Expert
Firebase

Area of Interest

Automation, Innovation(Solving Real world Problem), Getting good with cloud services like aws

Achievements

May 2024 – May 2024
Kollam, India

PANDORA: AN INVESTORS RETREAT, *Winner of the First Prize at 'Pandora: An Investors Retreat', an event showcasing student entrepreneurial ventures. Presented Sushruta to an audience, demonstrating innovation and strategic thinking. This accomplishment highlights my entrepreneurial mindset, communication skills, and networking abilities.*

Oct 2023 – Oct 2023
Palakad, India

A 24 Hour National Level Hackathon

Achieved second place in the Chakravyuha competition, a national-level hackathon organized by IEEE SB NSSCE and IEEE Kerala section. Recognized for outstanding performance and dedication, contributing to the team's success. Played a key role in achieving this well-deserved achievement, demonstrating exemplary skills and teamwork in a competitive environment

Jul 2023 – Jul 2023
DELFT, NETHERLANDS

Student Innovation Challenge 2023, INTERNATIONAL(*Winning Team / Team Leader*)
Reduced construction accidents with a virtual reality collaborative assembly simulator.

Aug 2021 – Sep 2021
Hyderabad, India

SMART INDIA HACKATHON, *National*(*Winning Team / Team Leader*)
Achieved 90% dyslexia detection accuracy using Azure Cognitive Services and machine learning (decision tree).

Community Outreach

2023

SSR(STUDENT SOCIAL RESPONSIBILITY)

- Led a school drone workshop focusing on mechanics and flying skills.
- Conducted research comparing student performance between simulator-based learning and traditional methods.
- Analyzed data to evaluate effectiveness of each teaching approach.
- Presented findings highlighting benefits and limitations of simulator-based training.
- Provided recommendations for optimizing drone education methodologies based on research outcomes.

2022

Volunteering(College)

At Seva Programs, Streamlit student ambassador

Language

Fluent in reading, writing, and speaking Malayalam, English, and Hindi, with the ability to interpret Tamil to some extent.
