

Anoosragh A R

BCA Student — Systems & Backend Enthusiast
+91 7012260947 — anoosragh69@gmail.com
LinkedIn — GitHub
Trivandrum, Kerala

Experience

Core Team Member – Project Sakura (Custom Android ROM) 2022 – 2025

- Contributed to a large-scale open-source Android ROM project based on AOSP, working across multiple system components.
- Worked with Android frameworks, system-level features, and Linux-based build environments.
- Collaborated with a distributed team using Git-based workflows for feature development and maintenance.
- Built and tested ROMs, debugging and resolving issues during development and deployment.
- **GitHub:** github.com/projectsakura

Projects

Custom ROM Development (Realme C2, Motorola G40 Fusion) (Android, Linux)

- Collaborated on building and deploying custom Android ROMs for Realme C2 and Motorola G40 Fusion.
- Worked on adapting device trees, vendor configurations, and kernel setups to ensure hardware compatibility.
- Assisted in debugging device-specific issues during bring-up, including boot and stability problems.
- Contributed to the build and testing process, from source synchronization to flashing on physical devices.
- **GitHub:** github.com/anoosragh69

Maze Solver using Genetic Algorithm (Python)

- Implemented a genetic algorithm-based maze solver using selection, crossover, and mutation to evolve optimal paths.
- Designed a fitness function to evaluate path efficiency and convergence toward the goal.
- Visualized the final solution path using Pyamaze for better interpretability.
- **GitHub:** github.com/anoosragh69/maze-solver

Skills

Programming Languages: Python, Java, C++, C, JavaScript, HTML

Tools & Technologies: Git, GitHub, Linux, Bash, Docker

Databases: Oracle SQL, MySQL

Operating Systems: Linux, Windows, Android

Education

VIT University 2024 – Present

Bachelor of Computer Applications
CGPA: 8.68

Jawahar Public School, Edava 2022 – 2023

CBSE Class XII
Percentage: 88.4%

Jawahar Public School, Edava 2020 – 2021

CBSE Class X
Percentage: 74%

Relevant Coursework

Software Engineering, Software Testing, Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks

Languages

English, Malayalam, Hindi