

# MUBASHIR K

SOFTWARE ENGINEER

Palakkad, Kerala

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## SUMMARY

Software Engineer with over a year of experience in the automotive software domain, specializing in software development, unit testing, and instrument cluster development. Skilled in C++, Unit testing, Slint UI, and web technologies like HTML, CSS, JavaScript, and React JS. Committed to creating scalable systems, and collaborating with cross-functional teams. Passionate about coding, continuous learning, and delivering high-quality results.

## SKILLS

### TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript
- **Web Technologies:** HTML, CSS, React JS
- **Tools:** GDB, GitHub, Jira, Slint UI, CMake, Confluence
- **Concepts:** Software Unit testing, ASPIICE, Multithreading, OOP, Microservices, DSA
- **OS:** Linux, Windows

### SOFT SKILLS

Time Management, Multitasking, Leadership, Team Collaboration, Adaptability.

## WORK EXPERIENCE

### SOFTWARE ENGINEER

Acsia Technologies [Aug 2022 - June 2024]

- Automotive instrument cluster HMI development:  
Research and develop automotive instrument clusters using the Slint UI and using C++ as backend. Experience in implementing CAN communication using C++ backend.
- RSE (Rear Seat Entertainment) :  
Worked on error identification and bug-fixing of Android applications in production which focuses on memory issues and app crashes for rear seat entertainment.
- Unit Test Developer for In-Vehicle infotainment:  
Project experience SWE4 process. Worked for a German OEM as Unit test developer. Knowledge of independent software unit testing in C++. Requirement analysis, test case design, and execution. Tools used are Jira, Confluence, Git, Gitlab, CMake.

## EDUCATION

### B- TECH IN COMPUTER SCIENCE & ENGINEERING

Government Engineering College Palakkad [2018 - 2022]

Cgpa : 8.1

APJ Abdul Kalam Technological University

## LANGUAGES

Malayalam | English | Tamil