

# MUHAMMED AJNAS N P

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## PROJECTS & PRACTICAL WORK

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### SMART LABORATORY EQUIPMENT FAULT MANAGEMENT SYSTEM 2026

#### Mini Project

- Developed a Smart Laboratory Equipment Fault Management System to digitize equipment fault reporting, tracking, and managing
- Implemented role-based access control, fault status tracking, and technician assignment using full-stack web architecture.
- Designed and integrated a database-driven complaint management system with equipment history, maintenance records, and real-time fault monitoring features

## TECHNICAL SKILLS

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**Languages:** C (Proficient), C++, Java, Python (Intermediate), JavaScript (Intermediate), Dart (Basic), SQL (Intermediate), Shell Scripting (Intermediate), PostgreSQL

**Web & App Dev:** HTML, CSS, JavaScript, Flutter (Basic), React, React-Native(Basics), Expo, Node.js, Express js

**Tools & Platforms:** Git, Github, VS Code, Linux, Network Shell Scripting, Ansible Playbooks(Basics), Figma(Basics), Antigravity, Cloude

**Design & Media:** Image Editing, 2D/3D Animation (Basic), Logo & Branding Design, UI Layout Design(Basic)

## SOFT SKILLS

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- Analytical Thinking & Logical Reasoning — able to break down complex problems into solvable steps
- Fast Learner — self-taught multiple languages and tools independently without formal guidance
- Debugging & Root Cause Analysis — persistent problem-solver; willingly spends hours to find solutions
- Technical Communication — explains difficult concepts simply
- Adaptability — comfortable working solo or in team environments based on project needs
- Deadline Commitment — prioritizes customer/team needs and delivers under pressure
- Creative Problem Solving — applies design and technical thinking together for practical outcomes

## EDUCATION

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**Bachelor of Technology — Computer Science & Engineering 2023 – 2027(Ongoing) KMCT**

*ITM, Kuttipuram, Kerala (Affiliated to APJ Abdul Kalam Technical University)*

**Higher Secondary — Computer Science (Class XII) 2020 – 2022**

*D.G.H.S.S, Tanur, Kerala (Board of Higher Secondary Examinations, Kerala)*

**Secondary School Leaving Certificate(ClassX)2020**

*D.G.H.S.S, Tanur, Kerala (Kerala Board of Public Examination)*

## CERTIFICATIONS & COURSES

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- **Introduction to Java** — SoloLearn (2025)
- **Flutter Bootcamp** — LetsUpgrade (2025)
- **30 Days Master Class in Artificial Intelligence** — Pantech.ai (2025)

- **Note Taking App using JavaScript and React.js** — Google Developer Group by DevTown (2023)
- **Certificate Course in Web Designing — Basic** — G-Tech Computer Education (2019)
- **Certificate Course in Computer Operation** — G-Tech Computer Education (2015)

## ACHIEVEMENTS & HIGHLIGHTS

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- Self-taught 5+ programming languages and tools (C, Python, JavaScript, Dart, SQL, Shell Scripting) without formal instruction
- Completed 6+ certifications spanning AI, mobile development, web development, and programming Fundamentals
- Self-directed transition of a full-stack project (Smart Lab Fault Management System) from React.js/Supabase to a React Native + self-managed PostgreSQL architecture, independently learning the new stack from scratch
- Recognized among peers as a go-to technical resource for debugging and solving coding problems
- Independently learned shell scripting and used it to build a functional multi-PC networked control script
- Coordinated and served as a demonstrator for 3+ industry-level workshops and HR Converge.

## Languages

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**Spoken:** Malayalam, English, Tamil