

AAKASH P

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SUMMARY

An Aspiring Java Developer with strong foundation in Java, SQL, and Web Development. A Passionate learner longing to apply acquired skills through working upon real-time projects and grow along with the organization.

EDUCATION

Dr. M.G.R Educational and Research Institute — B.Tech-IT	2021 – 2025
• CGPA: 7.3	
Infant Jesus Matric Hr. Sec. School	2020 – 2021
• HSC - 77%	
Christ Church Anglo Indian Hr. Sec. School	2018 – 2019
• SSLC - 73%	

PROJECTS

Alcohol Detection and Engine Braking System

- Designed an IoT and sensor-based safety system to detect alcohol consumption in drivers and automatically trigger the engine braking mechanism.
- Integrated alcohol sensors with microcontrollers for real-time monitoring and accident prevention.

Cloud Burst Detection System

- Developed a Python-based web application using CNN and Machine Learning to analyze cloud patterns and detect potential cloudburst events.
- Performed satellite image preprocessing to enhance data quality and deployed the model using the Django framework.

SKILLS

- Programming: Java
- Database: SQL
- Web Development: HTML, CSS, JavaScript

CERTIFICATIONS & ACHIEVEMENTS

- Cloud & DevOps – AWS Certification.
- NSDC Certificate on Soft Skills and Word.
- Club Service Director – Rotaract Club of MGR (2024 – 2025).
- Coordinator – Phoenix Fundraising Event for Disabled Persons (Rotaract).