

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

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| 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.
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SKILLS

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