

AKSHAYA S

SOFTWARE ENGINEER

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SUMMARY

I'm a B.Tech student with a strong interest in AI and Machine Learning. I love working on real-world problems and learning through hands-on projects and hackathons. I'm currently looking for job opportunities where I can put my skills to use, learn from real industry experience, and contribute to meaningful AI solutions. I've had practical experience building and deploying ML models, and I'm always excited to grow and take on new challenges.

TECHNICAL SKILLS

HTML	PYTHON	R	SQL	React js	Java
CSS	MATLAB	PyTorch	C/C++	PHP	Adobe photoshop

PROJECTS

AI-Powered Sign Language Translator App

- Built an AI-driven app to convert sign language into text and speech with 90%+ gesture recognition accuracy
 - Improved accessibility for 1M+ speech/hearing-impaired individuals in potential use cases
 - Recognized by an MNC judge at National India Hackathon 2025; shortlisted in top 5% of projects
- Currently refining model performance and preparing MVP for enterprise deployment

Early Warning System for GOLF's

- Developed an IoT-based system to detect geological anomalies and trigger real-time tsunami alerts within 5 seconds
 - Reduced alert latency by 40% using optimized sensor-to-app integration
 - Created for Smart India Hackathon 2024; projected to enhance coastal safety for 100K+ residents
- Designed scalable architecture for future smart city integration

EDUCATION

RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

2022-EXPECTED 2026

B.Tech in Computer Science & Engineering

CURRENT CGPA : 7.9

AMALORPAVAM HIGHER SECONDARY SCHOOL

2020-2022

HIGHER SECONDARY EDUCATION

PERCENTAGE : 75.3

JAWAHAR VIDHYA NIKETHAN HIGH SCHOOL

2009-2020

SECONDARY SCHOOL LEAVING CERTIFICATE

PERCENTAGE : 93.6

CERTIFICATES

DMCP_C-DAC

FULL STACK DEVELOPMENT- ISIT

R TRAINING

BACK END DEVELOPER - INTERNSHIP

DRUPAL TRAINING

DELTA A1 - FRENCH EDUCATION

PYTHON PROGRAMMING- MSME

DELTA A2 - FRENCH EDUCATION

LANGUAGES

- English - Full Professional Proficiency
- French - Full Professional Proficiency
- Tamil - Native Proficiency
- Hindi - Elementary Proficiency