Amal Thilakan

+91 8921654839 | @ amalthilakan111@gmail.com | in LinkedIn | Portfolio | Github

SUMMARY

Data Science Post Graduate with expertise in programming, database administration, web designing, and Android development. Strong creative and analytical skills with a proven ability to work collaboratively, pay attention to detail, and solve problems effectively.

EDUCATION

Cochin University of Science and Technology	Kerala, India
Master of Computer Science (Data Science Specialization)	*2022 – 2024*
MES Marampally, Mahatma Gandhi University	Kerala, India
Bachelor of Computer Applications (BCA)	*2018 – 2021*
Kasturba English Medium School (CBSE)	Kerala, India
Higher Secondary Education (Science)	*2016 – 2018*

SKILLS

Languages: Python, C, C++, Java, JavaScript, TypeScript
Web Technologies: HTML, CSS, Redux, Axios, REST API
Databases: SQL, SQLite, MongoDB
Frameworks & Libraries: React, React Native, NodeJS, ExpressJS, Django
Tools: Git, VS Code
Data Science: Machine Learning, Data Analysis
Soft Skills: Team Collaboration, Problem-Solving, Analytical Thinking

EXPERIENCE

Centgrade Labs	Kerala, India
Software Engineer (Intern)	*Oct 2024 – Feb 2025*

- Assisted in full-stack development using modern web technologies.
- Collaborated with senior engineers to build scalable software components.

AY Tech	Kerala, India
Python Django (Intern)	*Sept 2025 – Ongoing*

- Worked on backend development using Python and Django.
- Contributed to building REST APIs and integrating databases.

PROJECTS

FoodPin App — React Native, Google Maps API
- Developed an Android app to bookmark restaurants with map integration.
- Implemented geolocation, routing, and list management features.

Recipe Recommendation System — MERN, ML
- Built a personalized recipe recommender using ML algorithms.

Cable Operator Management Site — Python Django
- Created a platform for managing cable operator operations efficiently.

Breast Cancer Detection — Machine Learning
- Developed predictive models for early breast cancer classification.

Indian Sign Language Detection — Python, Google Mediapipe, RNN
- Built an ISL detection model using video processing and RNNs.

CERTIFICATES

MEARN Stack Development	Right Soft Options, Kaloor
	Jun 2024 – Sep 2024
Android Development Using Java	Acmegrade, Bengaluru
	Jun 2023 – Jul 2023