

Kabilan Mahadevan

kabilan | Kabilan Mahadevan | kabilankabilan11107@gmail.com | +91-9677649819

PROFILE SUMMARY

Entry-Level Software Developer skilled in Java, JavaScript, and PHP. Built console-based apps like a Music Player and Contact Manager using Java. Strong in OOP, problem-solving, and database integration. Eager to apply full stack skills to build scalable web applications.

EDUCATION

Nandha College of Technology

Nov 2021 – May 2025

BE in Electronics and Communication Engineering

Erode, Tamil Nadu

CGPA: 7.0

Prema Matriculation Higher Secondary School

Apr 2020 – Apr 2021

Higher Secondary Certificate (HSC)

Tiruppur, Tamil Nadu

Percentage: 75%

PROJECTS

Detection of Diabetic Retinopathy using GLCM

[GitHub Link](#)

- Extracted texture features from 500+ retinal images using Gray Level Co-occurrence Matrix (GLCM). (*Python, OpenCV*)
- Implemented Decision Tree, Random Forest, and XGBoost classifiers, achieving 85% accuracy in early detection. (*scikit-learn, XGBoost*)
- Automated feature extraction pipeline, reducing manual analysis time by 40%. (*NumPy, Matplotlib*)
- Scaled model evaluation using cross-validation and confusion matrix analysis to ensure robust performance metrics. (*scikit-learn*)
- Designed project architecture for seamless integration into telemedicine platforms using Python and OpenCV. (*Python, OpenCV*)

INTERNSHIP

Web Development Intern — Six Phrase Veranda, Tamil Nadu

May 2024 – Sep 2024

- Learned and applied responsive design principles across multiple page layouts. (*HTML, CSS, JavaScript*)
- Developed and styled 10+ responsive web pages optimized for both mobile and desktop. (*Bootstrap, Flexbox*)
- Collaborated with senior developers to debug and refactor legacy code, resulting in a 30% improvement in load times. (*Chrome DevTools, Git*)

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, PHP

Developer Tools: VS Code, IntelliJ IDEA, Adminer, MySQL Workbench

Others: Linux, DBMS, OOP, Data Structures, MS PowerPoint