Mithul MJ

Junior Software Developer
Vendore, Thrissur
mithulmj2004@gmail.com — +91 9497527920
linkedin.com/in/mithul-mj — github.com/mithul-mj

Professional Summary

Computer Engineering diploma student skilled in programming, software development, and problem-solving. Experienced with Python, Java, Django, and Android. Seeking to contribute to innovative software projects in a growth-driven environment.

Skills

Languages: C, Python, Java, JavaScript, PHP
Web Development: HTML, CSS
Frameworks: Django
Database: MySQL
Tools/IDEs: Git, VS Code, Visual Studio, Notepad++
OS: Windows, Ubuntu

Projects

Plant Disease Detection — AI, Machine Learning, Django, Android

- Created an AI model with TensorFlow achieving 95%+ accuracy in detecting plant diseases.
- Built a Django REST API for seamless integration with Android and web clients.
- Optimized image processing pipeline to improve model input quality and reduce detection time by 25%.
- Automated PDF report generation with diagnosis results and treatment suggestions.
- Designed an Android app with intuitive UI using Material Design, increasing user retention by 30%.
- *GitHub:* github.com/mithul-mj

Library Management System — PHP, MySQL, JavaScript

- Developed a responsive web app for library operations with secure login and book management.
- Built real-time search and filtering features, reducing book lookup time by 40%.
- Enhanced database efficiency by optimizing queries and schema design, improving load speed by 20%.

Contact Management App — Java, Android, SQLite

- Created an Android app with advanced contact search and favorites feature, boosting user engagement by 35%.
- Enabled favorites contacts to display at the top for quick access and easier navigation.
- Designed a responsive UI using Material Design for better usability and accessibility.
- Used SQLite to enable offline access and ensure reliable local data storage.
- Implemented search functionality to quickly find contacts by name or phone number.

Education

Diploma in Computer Engineering, Maharaja's Technological Institute — *CGPA: 8.64*
July 2022 – June 2025

Higher Secondary, C J M A H S S — *82%*
June 2020 – March 2022

High School, C J M A H S S — *97%*
March 2020

Certifications

C Programming – Braintech (*May–Aug 2022*)
AI & Robotics Internship – Ore Equipe Robotics & Genzee Technologies (*Apr–May 2024*)

Activities

- 2nd place in state-level coding competition, MTI Thrissur
- Participated in BIS awareness campaign
- Attended IEDC tech workshops