



M Mohamed Arfath

SOFTWARE & AI DEVELOPER

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PROFESSIONAL SUMMARY

Innovative Software & AI Developer with experience in developing intelligent software solutions, cloud-based billing systems, OCR applications, and automation projects. Skilled in PHP development, AI-based systems, database management, frontend technologies, and scalable application design. Passionate about creating smart, secure, and user-friendly software solutions.

PROJECTS

Full-Stack Web Platform (Ongoing)

2026 - Present

React.js, Python, PHP, JS, HTML/CSS

- Developing a dynamic, responsive full-stack web application from the ground up.
- Integrating Python for advanced backend processing alongside a robust PHP and React.js architecture.
- Designing an interactive user interface utilizing modern HTML/CSS and JavaScript frameworks.

Cloud-Based POS & Billing Software

2025 - 2026

PHP & MySQL

- Engineered a complete billing and invoice management software handling 500+ daily transactions.
- Implemented stock management and reporting, reducing manual entry errors by 30%.
- Designed a responsive admin dashboard for efficient user handling.

Two-Tier Authentication in ATM

2022

PHP

- Developed a secure ATM authentication system reducing potential unauthorized access by 99%.
- Improved banking security through a robust two-step user verification process.
- Diploma Final Year Project.

Road Pothole Detection with Alert System

2025 - 2026

Python & AI

- Developed an AI-powered pothole detection system using YOLOv8, achieving 95% detection accuracy.
- Implemented an automatic alert notification system, accelerating department response times by 50%.
- B.Tech Final Year Project.

EDUCATION

Bachelor of Technology

2023 - 2026

Artificial Intelligence and Data Science

Diploma

2021 - 2022

Computer Engineering

TECHNICAL SKILLS

PHP MySQL Python JavaScript
HTML5 CSS3 Bootstrap
React.js OCR Technology YOLOv8
Machine Learning REST API
Cloud Billing POS Systems
UI/UX Design

LANGUAGES

- ✓ Tamil
- ✓ English