

ABDUL HAMEED S M

Full Stack Developer · React · Node.js · Laravel · Python · MySQL

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·Tirunelveli ·Tamil Nadu

SUMMARY

Full Stack Developer with ~1 year of hands-on experience building institutional ERP applications and full-stack web apps using React, Angular, Laravel, FastAPI, Python, Node.js, and MySQL. Experienced in developing business modules, administrative workflows, database-backed applications, and AI-assisted features. Comfortable enhancing existing enterprise systems as well as delivering end-to-end personal projects.

EXPERIENCE

Web Developer Intern — *Dynamic Scientific & Research Technologies*

Feb 2025 –Jan 2026

- Developed 7 submodules across 4 functional areas of the FX Information Portal using Laravel Nova and MySQL.
- Built competency management functionality supporting manual data entry, later enhanced with Excel-based bulk import.
- Created and maintained 10+ MySQL tables supporting newly developed features; implemented department-based filtering in Laravel Nova.
- Collaborated with senior developers to understand business requirements, implement requested enhancements, and deliver features within scheduled development cycles.
- Worked directly with the Team Lead in a 3-member team, contributing new features to an existing ERP application.
- Supported maintenance of the Campus Academic Management System (CAMS) — resolved backend issues, updated APIs, and corrected SQL queries in an Angular 11 / Node.js application.

PROJECTS

VantanceCA — CA Exam Preparation System | Final Year PG Project

Mar 2026

Stack: React · Python · FastAPI · MySQL

- Extended an existing CA exam platform with new React UI modules and backend functionality; integrated a locally hosted Ollama model with FastAPI for AI-assisted descriptive answer evaluation.
- Developed and modified 15+ backend APIs, maintained ~15 database tables, and implemented PDF processing and study material upload via FastAPI.
- Worked with Agile environment using the scrum methodology to build this project by splitting into small chunks.
- Built teacher dashboard (Recharts) for real-time insights into student gaps; engineered FastAPI pipeline for PDF extraction and study material sync.
- Deployed full-stack application using Vercel (frontend), Render (backend), and TiDB Cloud (database)
- Live: <https://vantance-ca.vercel.app/>

SavePlate — Food Rescue Network | Inter-Dept. Hackathon

Nov 2025

Stack: React · Node.js · Express · MySQL

- Full-stack donation platform delivered from zero to production in under 72 hours; JWT + bcrypt auth with 3 user roles and permission-scoped API routes.
- Real-time admin dashboard tracking 100+ test transactions with <200ms average API response time.

Live: <https://saveplates.vercel.app/>

TaskFlow — Team Task Management SaaS | Internship Project

Jun 2025

Stack: Angular · Node.js · MySQL · MVC

- Multi-tenant task management system with Admin and User dashboards; task assignment, deadline tracking, and approval workflows for a 10-person team pilot.
- MVC architecture + PSR standards reduced new contributor onboarding time to under 1 day.

Live: <https://tsflow.vercel.app/>

EDUCATION

Master of Computer Applications (MCA)

2024 – 2026

Francis Xavier Engineering College, Tirunelveli

B.Sc. Computer Science

2021 – 2024

Sadakathullah Appa College, Tirunelveli

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, PHP, Java, TypeScript

Frontend: React.js, Angular, HTML5, CSS3

Backend: Node.js, Express.js, FastAPI, Laravel (including Laravel Nova), REST API Development

Database: MySQL, SQL (Schema Design, Query Optimization), MongoDB

Tools : Git, GitHub, Docker, Vercel, JWT Authentication, bcrypt, MVC Architecture, CI/CD (GitHub Actions), Unit Testing