

THAJAS M

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Portfolio: <https://thejasmugunthan.github.io/Portfolio/>

SUMMARY

MCA student (graduating June 2026) with a strong foundation in Computer Applications and backend-driven software development. Proficient in Node.js, Express.js, RESTful API design, JWT-based authentication, and database management using MySQL and MongoDB. Hands-on experience building scalable full-stack applications using MERN and Angular, with focus on backend architecture, middleware, HTTP/HTTPS workflows, and performance optimization. Solid understanding of Data Structures & Algorithms, SDLC, and Agile development. Strong problem-solving mindset with certifications from Google and Infosys and hackathon exposure.

PROJECTS

AgriRent – Full-Stack Rental Platform

Tech: React, Node.js, Express.js, MySQL, ML, Firebase

- Developed scalable backend services using Node.js and Express.js, designing RESTful APIs for rental workflows.
- Implemented JWT-based authentication and role-based access control.
- Integrated ML-based price prediction and external APIs for data-driven pricing.
- Optimized SQL queries, database indexing, and API performance for reliable backend operations.

InternLink – Internship Portal

Tech: Angular, Node.js, Express.js, MySQL

- Built a complete internship management system with modular backend architecture.
- Designed scalable REST APIs with JWT authentication and multi-role access (student/recruiter/admin).
- Followed MVC architecture to improve maintainability and backend scalability.
- Worked in an Agile environment, contributing to debugging, API optimization, and feature delivery.

Expense Tracker – Finance Management System

Tech: React, Express.js, MySQL

- Developed backend logic for CRUD operations, server-side validation, and structured APIs.
 - Designed efficient SQL schemas and queries for real-time expense tracking.
 - Ensured backend stability, clean error handling, and optimized data workflows.
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EDUCATION

Master of Computer Applications (MCA)

PES University, Bengaluru | Aug 2024 – Jun 2026

CGPA: 7.1

Bachelor of Computer Applications (BCA)

Sri Ramakrishna College of Arts and Science, Coimbatore | *Jun 2021 – Apr 2024*

CGPA: 7.4

SKILLS

Frontend: React.js, Angular, HTML, CSS

Backend: Node.js, Express.js, REST APIs, Authentication

Databases: MySQL, MongoDB, SQL Optimization

Programming: Java, JavaScript, Python, C, C++

Machine Learning: Pandas, NumPy, Scikit-Learn

Tools: Git, GitHub, Linux, Firebase, Atlas, Postman, VS Code

Development: SDLC, Agile, Debugging, Version Control

CERTIFICATIONS

Google – Generative AI

Infosys – Cloud Computing

HackerRank – C, C++, Python, SQL

STRENGTHS

Problem Solving, Debugging, Fast Learning, Team Collaboration, Adaptability

LANGUAGES

English, Tamil, Kannada (Beginner)