

Mohamed Yasar Arafath K M

yasar-arafath.web.app | yasararafathpers@gmail.com

SUMMARY

Creative and results-driven software engineer with experience in developing full-stack web applications, management systems, and network analysis tools. Skilled in API development, relational and NoSQL databases, and building scalable, maintainable codebases. Strong foundation in both frontend and backend technologies. Eager to contribute innovative solutions and technical expertise to a collaborative engineering team.

PROJECTS

BOOKSHOP MANAGEMENT SYSTEM

PHP | MYSQL | BOOTSTRAP | JQUERY

Jan 2023 – Mar 2023

- Developed a comprehensive Bookshop management system as a UG project. Feature implemented to manage inventory, sales, and customer data.
- Manages a catalog of books with details such as title, author, ISBN, and stock levels. User Account Section: Customers can register, log in, view order history, and manage their account information.

PACKET SNIFFER

C

MAR 2025

- Created a fundamental network packet sniffing tool using C and the libpcap library.
- Enabled the application to list available network interfaces and capture the first packet on a user-selected interface.
- Parsed the Ethernet header to extract and display essential information such as source and destination MAC addresses and the Ethernet protocol type

URL SHORTENER

PYTHON | FLASK

MAY 2025

- Designed and implemented a backend API leveraging Flask to abstract long URLs behind shorter, user-friendly links.
- Built robust POST and GET endpoints for URL submission and redirection respectively.
- Integrated SQLite to create a persistent data layer for managing URL mappings and ensuring reliable redirection.

ACHIEVEMENTS

2ND PRIZE - ERROR 404 (Debugging)

- Among 50+ teams at BitSync 2024, Conducted by AM Jain College, Chennai

2ND PRIZE - TECHNICAL QUIZ

- A technical quiz competition based on ML/AI at JUNO 2024, Conducted by Guru Nanak College, Chennai

EDUCATION

MEASI INSTITUTE OF INFORMATION TECHNOLOGY

MASTERS OF COMPUTER APPLICATIONS

Cum. GPA: 7.2/10.0 | Grad. MAY 2025

THE NEW COLLEGE

BACHELORS OF COMMERCE

Cum. GPA: 6.9 / 10.0 | Grad. APR 2023

SKILLS

PROGRAMMING :

C, PYTHON, PHP, JAVASCRIPT

FRAMEWORK & LIBRARY :

BOOTSTRAP, LARAVEL

TOOLS :

GIT / GITHUB

DATABASE :

MYSQL, MONGODB


DEVELOPMENT PRACTICES :

DESIGN PATTERNS, CONVENTIONAL COMMITS, MVC

OPERATING SYSTEM :

LINUX, MACOS, WINDOWS OS

CERTIFICATIONS

Learn the Art of Hacking Through Programming 

Python Basics for Data Science 


Introduction to Linux 

JavaScript Essentials 

MERN Stack 

LINKS

 GitHub://KMyasar

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