

GOPALA KRISHNAN. M

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SKILLS

BACK END DEVELOPMENT | Python | Core-Java | PHP | C | C++

MISCELLANEOUS | Machine Learning | Agile Methodology |

RestApi concepts | Django - Framework

FRONT END DEVELOPMENT | HTML | CSS | Javascript

DATABASE | SQL | MYSQLi | PostgreSQL

SOFTSKILLS | Team Leader | Communication | Verbal Ability |

Critical Thinking | Problem Solving

Tools – Vs code, GIT and GITHUB

EXPERIENCE

PENTAGON SPACE PVT LMT | FEB 2024 – JUL 2024

PYTHON FULLSTACK DEVELOPMENT (TRAINEE)

- Gained knowledge with hands on experience in Core Python | Python Programming | SQL | Web Technologies | DSA | Django

ENLIGHT WISDOM | JUN 2023 – AUG 2023

INTERNSHIP IN Machine Learning and Algorithms

- Gained advanced skills in **predictive analytics** by analyzing large - datasets; improved forecast accuracy by 20% .
- Generated **comprehensive daily reports detailing project progress**, milestones, and risk factors, resulting in high team alignment and a 20% boost in project delivery speed.

PROJECTS

IOT BIOMETRIC ATTENDENCE SYSTEM NEXUS WITH AUTOMATED DATA STREAMLINING AND SOFTWARE ORCHESTRATION | MAR – 2024

Tech stack used – Fingerprint sensor, Esp, Firebase, Embedded Application, Android Studio

- Developed a IoT-based student attendance system incorporating embedded software application, leveraging sensor technology to
- automate attendance tracking and enhance classroom efficiency.
- Designed and implemented a user-friendly interface for the embedded software application, enabling a seamless interaction for
- both student and teachers and ensuring data accuracy.

Hepatitis C virus Using various ML Techniques | AUG- 2023

- Tech stack used – Python | Pandas | Catboost | Algorithms
- Inserted 4 algorithms like (navies bayes, k means, logical regression, Random forest) with SFS method to get good accuracy, recall and precision
- Enforced catboost to get stable points and 12 constraints in datasets to classify the damage rate of liver with good accuracy percentage

Blood Bank Management System | FEB - 2023

- Tech stack used- Php | HTML | CSS | Javascript | Sql | Bootstrap
- Streamlined connectivity and executed by using php and bootstrap
- Enhanced 99% efficiency and time accuracy with well secured databases of blood donors

EDUCATION:

MGR UNIVERSITY

B.TECH IN COMPUTER SCIENCE

2020 – 2024 | Maduravoyal, Chennai |

GPA : 9.2/10

PRINCESS MATRICULATION

HIGHER SECONDARY

SCHOOL

HSC – C.S with Mathematics 2020 |

Chennai

Major GPA: 66.4%

COURSEWORK

UNDERGRADUATE

- DSA
- DBMS
- Computer Networks
- Software Engineering
- Operating system
- Machine Learning
- Artificial Intelligence
- Oops concepts
- Web development
- OOSE

CERTIFICATIONS

- **NPTEL – Machine Learning**
- **TCS – TCS Digital Izone**
- **IBM – Data Analysis with Python**
- **MICROSOSFT – Basic Azure**
- **MICROSOSFT – Basic Devops**
- **AI/ML – Intern Certificate**

INTREST

- Chess
- Reading Tamil Litreature Books
- Self Improvement

