



MONISH KUMAR A

ASPIRING SOFTWARE ENGINEER

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OBJECTIVE

Self-driven and motivated software developer with experience in Web technologies (HTML, CSS, JS), Python, Java, and SQL. Eager to contribute to innovative and scalable software solutions while gaining hands-on experience in real-world projects. Seeking a challenging role where I can collaborate with and learn from experienced professionals, further enhancing my technical skills and contributing to the company's success.

ACHIEVEMENTS

1st Price - Math Event

Sep 2024

Event Name - Numerous Nexus
(National Level Student Symposium)
St. Joseph's Institute of Technology

Student Co-Ordinator

March 2024

7th International Conference on Intelligent
Computing (ICONIC 2K24)
Panimalar Engineering College

Event Co-Ordinator

March 2024

Symposium: Intelliconz 2K24
Panimalar Engineering College

Basketball Champions

Feb 2024

Sports Day 2K24
Panimalar Engineering College

EDUCATION

Panimalar Engineering College, Chennai

B. Tech Artificial Intelligence and Data Science
2022 - Pursuing
CGPA - 8.49

Er. Perumal Manimekalai Polytechnic College, Hosur

Diploma in Electronics (Robotics)
2018 - 2021
Percentage - 91%

PROFESSIONAL EXPERIENCE

Service Engineer Trainee

IGM Roboticsystems India Pvt. Ltd. | Chennai, Tamil Nadu
Aug 2021 - Aug 2022

- Installed, maintained, and repaired industrial robots, conducted routine inspections, and performed preventive maintenance to ensure optimal performance and minimize downtime.
- Collaborated with a team to troubleshoot complex technical issues and trained junior technicians on best practices for robot maintenance and repair.

INTERN EXPERIENCE

Full Stack Web Developer Intern

Favit Infotech Solutions™ | Chennai, Tamil Nadu
Feb 2024 - July 2024

- Learning Management System (LMS) using HTML, CSS, JavaScript, which includes features like secure user authentication, course management, and interactive quizzes to enhance the online learning experience. The LMS was developed for a company and deployed in cPanel.

Web Developer Intern

Zigson Technologies Pvt. Ltd. | Bengaluru, Karnataka
Jan 2024 - Jan 2024

- Developed a professional portfolio showcasing my skills and projects using HTML, CSS, and JavaScript

SKILLS

Languages:

Python (Conditionals, Loops, Functions, OOPs, File Handling),
Java (Conditional Statements, Loops, Arrays, Strings, OOPs, File I/O),
SQL (Database Basics, DDL, DML, Data Querying, Database Normalization),
HTML, CSS, JavaScript, PHP.

Frameworks: Flask (Python), Bootstrap.

CERTIFICATIONS

Coursera
Aug 7, 2024
Google AI Essentials

Oracle Certified Professional certification
July 2024
Oracle Cloud Infrastructure 2024 Generative AI

NASSCOM FutureSkillsPrime
February 2024
Data science for the Beginners

Postman API
Jan 2024
Postman API Fundamentals Student Expert

RESEARCH PAPER

Trash to treasure: Bin rewards transforming waste disposal into a rewarding experience - 2024

Image-based graphical password authentication system -2024

INTERN EXPERIENCE

Artificial Intelligence Intern

IBM Skills Network | Chennai, Tamil Nadu, India
Jan 2023 – Jan 2023

- Led a mental fitness prediction project, leveraging Python and advanced data science techniques for data transformation, model optimization, and clear communication of insights.

PROJECTS

Image-Based Graphical Password Authentication System

- Created a secure and user-friendly authentication system using image-based graphical passwords.
- Implemented with Flask, PostgreSQL, and image-based graphical passwords.
- Secure image uploads and storage with PostgreSQL, image-coordinate-based authentication for enhanced security, user-friendly authentication process reducing the need for complex passwords, robust security measures to protect user data.

Learning Management System (LMS)

- Learning Management System (LMS) using PHP, which includes features like secure user authentication, dynamic course management, and interactive quizzes to enhance the online learning experience. The LMS was developed for a company and deployed in cPanel webspacekit.

Student Management System (SMS)

- The Student Management System (SMS) streamlines various administrative tasks such as student enrollment, attendance tracking, and academic progress monitoring. It was built using PHP, HTML, CSS, JavaScript, and SQL, and was developed for our Department of AI&DS.

Symptom Checker Chatbot

- Developed a chatbot to assist users in identifying potential health issues based on symptoms described.
- Implemented using Python and machine learning libraries.
- Provides probable diagnoses and suggests next steps or medical consultations