



Ashar Mohammed

Software Developer

Results-driven Computer Science and Engineering graduate with hands-on experience in full-stack development, data science, and cybersecurity. Demonstrated expertise in developing secure applications using Python, React.js, and machine learning technologies. Proven track record in implementing robust solutions, from predictive analytics models to secure communication platforms. Combines strong technical skills with practical experience in web development and digital marketing, bringing a holistic approach to software development challenges. Currently seeking opportunities to leverage my diverse skill set in creating impactful technology solutions.

✉ asharmohd24@gmail.com

📍 Abu Dhabi, United Arab Emirates

☎ +971 50 333 1031

🌐 [linkedin.com/in/ashar-mohammed-ch24](https://www.linkedin.com/in/ashar-mohammed-ch24)

EDUCATION

Bachelor Of Computer Science and Engineering

P.A. College Of Engineering

10/2020 - 05/2024

Mangalore, Karnataka

Higher Secondary Education

CHMKS GHSS

07/2018 - 03/2020

Kannur, Kerala

WORK EXPERIENCE

Web Development and Digital Marketing

Al Masat Information Technology

02/2024 - 04/2024

Dubai, UAE

Achievements/Tasks

- Conducted SEO optimization to improve website visibility and search engine ranking. Created engaging and relevant content for web pages, blogs, and social media platforms. Assisted in the design and development of user-friendly web interfaces. Analyzed website performance metrics to inform and implement digital marketing strategies.

Contact : Mr. Rao Adam Ayub - +971 56 288 1569

Vulnerability Analysis and Penetration Testing

Red Team Hacker Academy

08/2023 - 09/2023

Kerala, India

Achievements/Tasks

- Completed a VAPT internship, gaining hands-on experience in identifying and mitigating security vulnerabilities. Conducted a comprehensive penetration test using a DC-1 machine to assess system security. Analyzed and reported vulnerabilities, providing recommendations for improving security posture. Enhanced skills in network security, ethical hacking, and risk assessment through practical application.

SKILLS

HTML/CSS

JavaScript

React.js

Python

SQL

RESTful API

PostgreSQL

AWS

CI/CD

pandas

Scikit-learn

NLP

PERSONAL PROJECTS

Car Price Predictor(Data Science and Machine Learning)

- Developed a machine learning model for car price prediction using features like make, model, mileage, and year. Implemented data preprocessing with pandas and NumPy, trained multiple regression models including Random Forests. Deployed using Flask with interactive visualization features.

Vault Fortify: Secure Data Sharing Platform

- Developed Vault Fortify, a secure peer-to-peer communication platform using advanced cryptography and image steganography. Implemented end-to-end encryption and distributed hash tables for decentralized networking. Created real-time messaging interface with zero-knowledge principles, achieving 99.9% uptime.

Railway Management System (DBMS)

- Developed a Railway Reservation System using Python and SQLite, implementing user authentication and real-time seat tracking. Designed interface for booking and cancellation based on routes, integrated payment simulation and automated confirmations. Used Flask, Bootstrap, and pandas for efficient data management.

CERTIFICATES

Python For Data Science

Python (Programming Language)

Java (Programming Language)

Big Data

VAPT

Hadoop

LANGUAGES

English

Native or Bilingual Proficiency

Malayalam

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency