

MASHAEL SAEED

Computer Science Student

+966 546546136

mashaelfarhan84@gmail.com

Jeddah, Saudi Arabia

github.com/M1sh13l

https://www.linkedin.com/in/masha-el-farhan-46871920a/

ABOUT ME

Computer Science student at Effat University with experience in software development, machine learning, and database systems. Skilled in Python, Java, SQL, and web technologies. Passionate about building scalable systems and solving real-world problems through technology. Seeking opportunities to apply and expand my skills in software engineering, cybersecurity, and artificial intelligence.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, SQL, PHP

Web Development: HTML, CSS, JavaScript, MySQL

Tools & Technologies: Git, GitHub, Cisco Packet Tracer, MariaDB, Scikit-learn, Linux

Concepts: Data Structures, Machine Learning, Network Design, Database Systems, Software Engineering

PROJECTS

ICU Mortality Prediction System | 2026

Developed a machine learning system to predict ICU patient mortality risk using clinical healthcare data. Applied preprocessing, feature engineering, model evaluation, and visualization techniques using Python and Scikit-learn.

Web Application Security Assessment | 2026

Conducted a security assessment on a deliberately vulnerable web application in a controlled lab environment using DVWA. Explored vulnerabilities including SQL Injection and Cross-Site Scripting (XSS) and documented mitigation strategies and secure development practices.

Machine Learning Prediction Model | 2025

Developed a machine learning model using Python and Scikit-learn to analyze datasets and generate predictions. Implemented data preprocessing, feature scaling, and model evaluation techniques to improve accuracy.

Mental Health Tracker Website | 2024

Developed a web application using PHP and SQL to track mental health activities and progress. Designed the database schema and implemented user authentication.

TechNet Solutions Network Design | 2024

Designed and simulated a multi-branch enterprise network infrastructure for TechNet Solutions using Cisco Packet Tracer. Implemented routing, switching, WAN connectivity, and centralized services including DHCP, DNS, HTTP, and Email to support secure and efficient communication between branches.

EDUCATION

Effat University | Jeddah, Saudi Arabia

Bachelor of Science in Computer Science

Expected Graduation: 2027