

MOHAMMAD ISMAIL SHEIKH

Computer Engineer

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Career Objective

A computer engineer who enjoys web development and problem solving in general. I am a quick learner who is constantly keen to expand my knowledge.

Education

2018 - 2022 Comsats University Islamabad, Lahore	Bachelor of Science in Computer Engineering
2016 - 2018 Forman Christian College	Fsc Pre Engineering
2014 - 2016 The Crescent School, Shadman	Matriculation in Science

Professional Experience

- 6 Weeks internship at VaporVM in Cyber Security
- Director of Photography at CimunTheSixth in Comsats
- In management at Pakistan-China industrial Expo, arranged B-to-B meetings for clients with Chinese companies
- Volunteer at IET Comsats Lahore Students Chapter
- FreeLance Wedding and Fashion Photographer
- Participated as a Volunteer, in a campaign started in my University, the goal is to clean the university and gardening in the university

Skills

- **Softwares**
AutoCad, Matlab, Microwind, keil, DSch, Quartus Altera, Nmap, Cisco Packet Tracer, Wireshark, Vscode
- **Languages**
C, Java, Python(basic), MySQL, VHDL
- **Web Development**
HTML, CSS, Javascript, Bootstrap, ReactJS, NodeJS, ExpressJS, MongoDB atlas, Wordpress
- **Software Documentation**
Microsoft Office, Visio, ERD, UML Diagrams
- **Photography**
Adobe Photoshop, Adobe lightroom, Adobe Premier Pro

Additional Skills

- Project Management Skills
- Entrepreneurial Mindset
- Critical Thinking
- Communication Skills
- Photo Editing
- Video Editing

Projects

Final Year Project Cattle Care

A Complete Cattle Health Monitoring System

It was made using Django and it integrates MQTT to get real-time data from hardware nodes and stores them in a local database. It will predict cattle diseases through artificial neural network by using this data helping farmers to better care for their animals.

Semester Project, Web

eCommerce Website

Designed a dynamic shopping website using states, props, routing and hooks, ReactJS, HTML, CSS, and Bootstrap

Semester Project, DCCN

Networking System of the hospital in Cisco PT

Designed the network topology having five departments i.e., doctor, nurse, accounts, Front desks and administration in Cisco packet tracer and implement access lists, Vlan, Intervlan routing and learned basic commands of Cisco

Semester Project, MSI

Car Speed Detecting System using Microcontroller

Designed a car speed detecting system using Stm32F401 that can track the speed of the car using sensors. When the car exceeds the fixed speed limit, the buzzer activates. This system is low cost and user friendly.

Semester Project, PF

Hospital Management System in C language

The Comsats Hospital management system project is console Application with no visuals that was created for the university hospital i.e., Comsats. File handling is mostly used in this project to handle simple activities like as adding, editing, searching, and deleting records.

Others

• Online Courses

1. Wordpress from Digiskills
2. Introduction to Network Security from Coursera
3. Project Management: Tools, Approaches, behavioural Skills from Coursera
4. Entrepreneurship: Growing Your Business Specialization from Coursera
5. Adobe Photoshop, Lightroom, Premier Pro, Figma, Adobe Xd from Digiskills

• Honors & Awards

1. Awarded merit-based Laptop Award from Chief Minister Punjab.
2. Received a certificate for attending 2-day workshop of Nikon Pakistan

• Area of Interests

1. Frontend web development
 2. UI/UX design
 3. Photography
 4. CyberSecurity
 5. Politics
 6. Cricket
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