

Muhammad Umar

Web Developer

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INTRODUCTION / ABOUT ME

As a graduate with a BS in **Computer Science** from **COMSATS University Islamabad Abbottabad Campus**, I am dedicated to applying my technical skills and knowledge in the dynamic field of computer science. Passionate about innovation and committed to continuous learning, I aim to contribute effectively to projects, embrace challenges, and make a meaningful impact through my expertise.

WORK EXPERIENCE

While I have not yet acquired experience in IT companies, during my bachelor's education, I completed a three-month web development internship at Robotics World during my 7th semester, where I worked with Django technologies. I also contributed to my university's character-building society and organized events for the Software Society, including coding competitions and games.

PROJECTS

FINAL YEAR PROJECT (PAPERLESS GRADUATE RESEARCH MANAGEMENT SYSTEM)

Developed a web-based system using MERN stack technologies to streamline the process for MS students to select supervisors, upload synopsis papers, and manage approvals. The system facilitates review workflows involving supervisors, committees, the Department Advisory Committee (DAC), and the Graduate Coordinator. Enhanced efficiency and communication in the academic review process.

TRAVEL BOOKING WEBSITE

The platform allows users to search for travel destinations, view detailed information about places, and book their trips seamlessly.

LIBRARY MANAGEMENT SYSTEM USING DATA STRUCTURES (JAVA)

The platform allows users to search for travel destinations, view detailed information about places, and book their trips seamlessly.

PARALLEL CANNY EDGE DETECTION USING OPENCV AND OPENMP

Developed a high-performance Canny edge detection system using C++ with OpenCV and OpenMP for parallel processing, enhancing edge detection accuracy and speed.

SKILLS

- HTML / CSS / Bootstrap/ MUI (80%)
 - Java Script (75%)
 - MERN Stack (75%)
- Mongo Db , MySQL (70%)
 - Python , java ,c ,c# etc (60%)
 - Data Structure (70%)

EDUCATION

2020 - 2024 | Pakistan - Abbottabad

Bachelor's Degree In Computer Science

"I have successfully completed my bachelor's education at **COMSATS University Islamabad**,

2018 - 2020 | Pakistan - Abbottabad

HSSC Education(Higher Secondary School Certificate) / Intermediate (Pre-Engineering)

"I have successfully completed my (**HSSC**) education at Pakistan science school & college Abbottabad,

LANGUAGES

- English
- Urdu / Hindi