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Welcome

to our website!

Explore, learn, and enjoy

your stay with

Hamdan Raza

About Section

My Introduction:

I hope this message finds you well. My name is **Hamdan Raza**, My father name is Raza Khan. I'm twenty years old. I'm basically from Swabi but currently live in Peshawar. I am doing BS Computer Science at University of Engineering and Technology Peshawar. I have done my FSC from The Glorious College of Science and Technology Swabi in which i secure *87%* marks and matric from Al-huda Public High School Maini in which my score was *89%*. I love to play Badminton and reading **Quran**, sometimes I also enjoy playing Cricket as well as Football and for mental health I play chess.
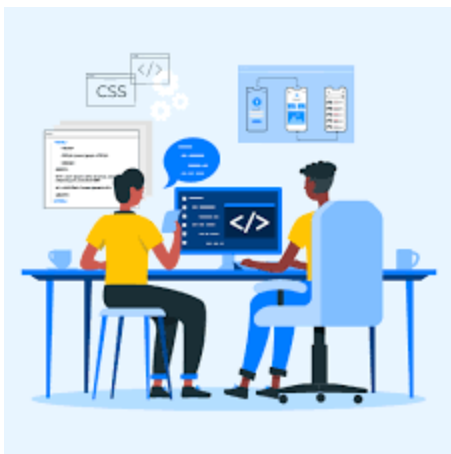
Expertise:

1. Data Analyst:

I was a ***Data Analyst*** at google, and i have managed dozens of servers. Proficient in data cleaning, visualization, and basic statistical analysis and have familiarity with Excel, SQL, and data visualization tools. I have 5 years experience in this field.

2. App Developer:

I'm an enthusiastic and motivated ***App Developer*** with a strong foundation in mobile application development. Eager to contribute to innovative projects and continue learning in a dynamic development environment. I have experience with Android Studio and/or Xcode.I have familiarity with design principles and tools like Adobe XD or Sketch

3. **Cyber Security Expert:**

Dedicated and highly motivated *cybersecurity* enthusiast with a solid foundation in information security principles. Seeking an opportunity to contribute to and grow in a cybersecurity role while continuously expanding knowledge and skills.I have knowledge of TCP/IP, DNS, VPNs, and firewalls and have familiarity with tools such as Wireshark, Metasploit, and Nmap.

4. **Cloud Security Expert:**

I'm detail-oriented *cloud security* enthusiast with a strong foundation in cloud technologies and cybersecurity. Seeking an opportunity to contribute to secure cloud environments and safeguard sensitive data while continually expanding my knowledge and skills.I have familiarity with cloud security tools like AWS Security Hub or Azure Security Center.

5. **Web Developer:**

I'm a dedicated *web developer* with a passion for creating efficient, user-friendly websites. Seeking a web developer position to leverage my skills in front-end and back-end development while contributing to innovative projects.Proficient in HTML, CSS, JavaScript with strong problem-solving and debugging skills.

Academic Awards:

1. ## Scholarship:

I have been awarded scholarship for two years in college because of topping the talent test of our college.

2. ## Certifications:

Currently I have achieved the certificates of cyber security expert, app developer, web developer, cloud security expert and data analyst.

Resume Section

Educational Backgorund:

I'm currently enrolled as a regular student at University of Engineering and Technology Peshawar. I completed my FSC (Intermediate) from The Glorious College of Science and Technolpgy Swabi. I graduated in 2022. I achieved an impressive 87% in my FSC examinations.Before that, I completed my Matriculation from Al-Huda Public High School Maini. I graduated in 2020.I secured an outstanding 89% in my Matriculation exams. In addition to my academic achievements, I also excelled in various leadership roles during my earlier school years. In the 5th, 6th, and 8th grades, I held positions of responsibility and leadership, showcasing my ability to work effectively in teams and take on leadership roles.I actively participated in sports during my school years. I was a member of VollyBall and Badminton teams and consistently contributed to the team's success. These experiences allowed me to develop valuable teamwork skills, discipline, and a commitment to maintaining a healthy and active lifestyle.

Job Experience:

I worked as a Cloud Security Expert at **Sophos** for 2 years. I was employed from 2008 to 2010. Prior to my role as a Cloud Security Expert, I worked as a Data Analyst at **Tableau** for 11 months.

My professional journey has been marked by diverse roles that include 7 months as a Web Developer, 5 months as an Android App Developer, and 1 year as a Cybersecurity Expert. Through these experiences, I have honed my technical skills, gained a deep understanding of various facets of technology, and consistently contributed to the success of my teams and organizations.

Skills:

1. **Web Development:**

   - HTML, CSS, JavaScript
   - Front-end frameworks (e.g., React, Angular, Vue.js)

- Back-end development (e.g., Node.js, Python, Ruby on Rails)

2. App Development:

- Java or Kotlin programming
- RESTful APIs
- Debugging and testing tools

3. Cybersecurity Expert:

- Network security (firewalls, intrusion detection systems)
- Vulnerability assessment and penetration testing
- Incident response and forensics

4. Cloud Security Expert:

- Cloud platforms (e.g., AWS, Azure, Google Cloud)
- Compliance frameworks (e.g., CIS, HIPAA, GDPR)
- Cloud security monitoring and auditing

5. Data Analyst:

- Data collection and cleaning
- Data analysis tools (e.g., Python with pandas, R)
- Data visualization (e.g., Tableau, Power BI, Matplotlib)
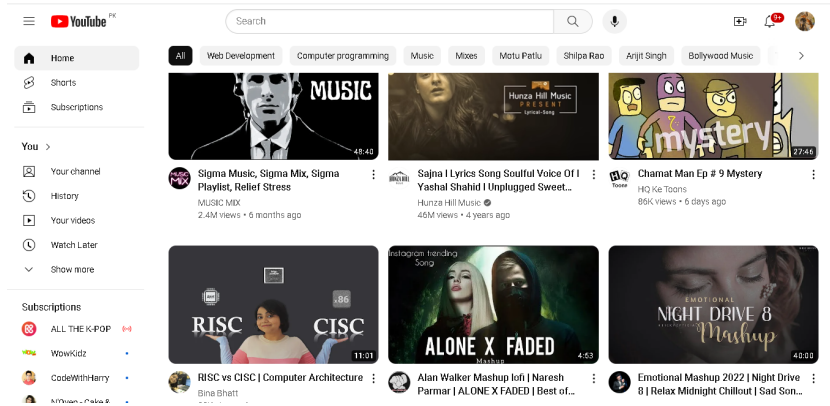
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Portfolio Section

Web Development Projects:

1. YouTube Clone

Created a web application that replicates the core functionality of YouTube, including user authentication, video uploading, commenting, and a recommendation system. The project aimed to gain hands-on experience with building a complex video-sharing platform.

Technologies and Outcomes:

Frontend: HTML, CSS, JavaScript (React);
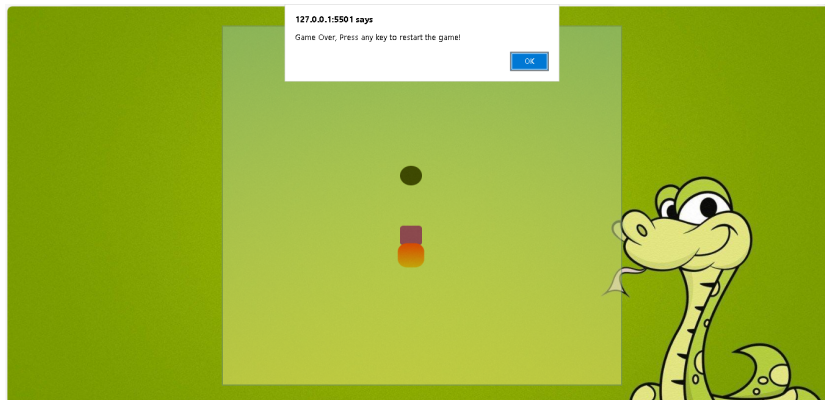Backend: Node.js, Express.js;
Database: MongoDB;
Authentication: Firebase;
Video Streaming: AWS S3.
Successfully implemented user authentication and video upload functionality. Improved my skills in handling media files and integrating third-party APIs.

2. ## Kid Snake Game:

Developed a simple and engaging snake game targeted at children. The goal was to create an interactive and educational game that teaches basic hand-eye coordination.
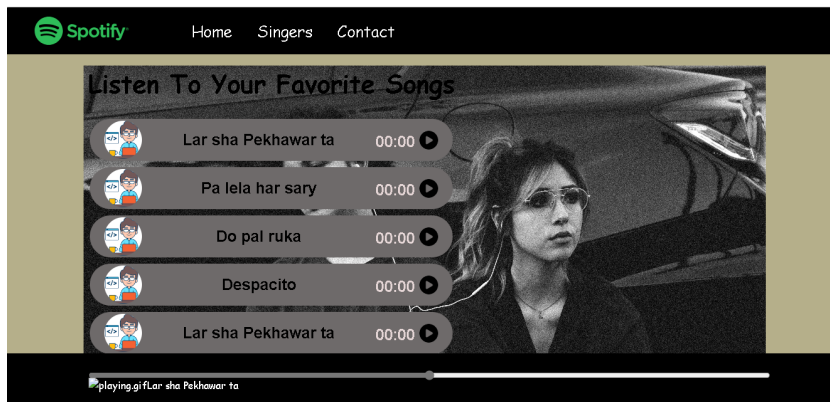

Technologies and Outcomes:

HTML5, CSS3, JavaScript (Canvas). Designed and programmed the game from scratch, focusing on user-friendly controls and colorful graphics. The game received positive feedback from young users and teachers.

3. ## Spotify Clone

Designed and built a web app that replicates key features of the popular music streaming platform Spotify. The project aimed to showcase my frontend and backend development skills while integrating with a third-party music API.

Technologies and Outcomes:

Frontend: HTML, CSS, JavaScript (React);
Backend: Node.js, Express.js;
Database: PostgreSQL;
Authentication: JWT;
Music Data API: Spotify API.
Successfully integrated with the Spotify API to fetch and display music data, implemented user authentication, and created a responsive user interface. This project helped me gain experience in working with external APIs.

App Development Projects:

1. ## Temple Run Clone:

Developed a simplified mobile game inspired by Temple Run, focusing on creating an endless running experience with unique obstacles and power-ups. The project aimed to gain hands-on experience in mobile game development and physics-based gameplay.

Technologies and Outcomes:

Frontend: Java (Android);
Game Engine: Unity;
Graphics: Photoshop for asset design.
Successfully created a 2D endless runner game with intuitive touch controls and engaging gameplay. Implemented game physics, character animation, and obstacle generation to provide a challenging yet enjoyable experience for players.

2. PDF Converter

Created a mobile app that allows users to convert various file formats (e.g., Word documents, images) into PDF files. The project aimed to provide a useful utility for users who need to convert and share documents.

Technologies and Outcomes:

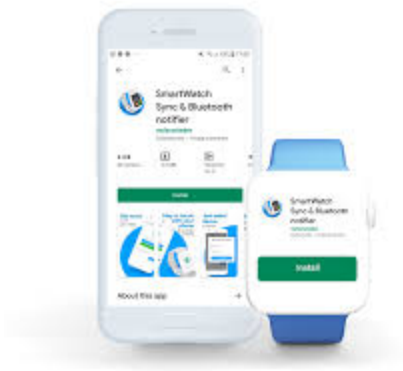Frontend: Java (Android);
PDF Conversion Library: PDFBox;
Image Processing: OpenCV (for image-to-PDF conversion).
Developed a user-friendly interface for selecting and converting files to PDF format.
Improved my skills in working with external libraries for document processing.

3. Smartwatch App

Designed and developed a companion app for a smartwatch, allowing users to receive notifications, track fitness data, and control connected devices. The project aimed to explore wearable technology development.

Technologies and Outcomes:

Frontend: Java (Android Wear OS);
Device Connectivity: Bluetooth;
Fitness Tracking API: Google Fit.
Successfully integrated with the smartwatch's APIs to provide real-time notifications and fitness tracking. The app enhanced my understanding of wearable technology and IoT integration.

Contact Section

Contact Form:

Name

Email address

Subject

Message

Submit

My Social Media Handles

This website is a University Mini Project