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GitHub: <https://github.com/tanzeelkhan95> Portfolio: tanzeel.site

Date of birth: 17/06/2000 Nationality: Pakistani

WORK EXPERIENCE

[05/06/2023 – 14/08/2023]

Software Developer Intern

Securities and Exchange Commission of Pakistan (SECP)

- Worked as a full-stack developer, where I built a web application using React for the frontend and in the backend, utilized Node.js, Express, MySQL and DB2 for server and database management. The application features a login screen with encrypted passwords using bcrypt and implements JWT token authentication stored in session storage. The table screen allows users to add, update, and delete items, which are reflected in the database using the provided credentials. Additionally, the application generates a PDF with a QR code after adding or updating an item, thanks to the integration of the pdfmake and qrcode libraries.
- Created a survey and poll for commemorating the 76th Independence Day of Pakistan, enabling employees to choose from a selection of their preferred photos and videos. The victors were determined by the highest number of votes received within each category. The entire system was hosted on the organization's internal server as a web application. The user interface of the application was established using the React framework for the frontend aspect. In parallel, the backend components of the application were crafted using Node.js and Express.js, with data storage and retrieval managed through MySQL.

For reference the following link shows the certificate of completion:

https://drive.google.com/file/d/1vljya2iYzGWR6LmritDiORQafUcxQBV_/view?usp=sharing

[15/07/2022 – 15/09/2022]

Web Developer Intern

Lime Light Renhold

Completed tasks such as creating 3D CSS Flip cards using SCSS preprocessor, customizing to advertise a product. Creating a responsive web design | webpage portfolio with JavaScript and Bootstrap and Designing a webpage featuring CSS parallax scrolling effect.

For reference the following link shows the certificate of completion:

<https://drive.google.com/file/d/1JLS8zdvaKjypAh95nwd3xhvcG9ziF2Te/view?usp=sharing>

[01/09/2018 – 01/04/2019]

Intern and Teacher Assistant

Westminster Academy

1. Managed Attendances of teachers and students through Microsoft excel and worked as a receptionist
2. Teacher Assistant for GCE A-levels Math's and Computer Science students

For reference the following link shows the certificate of completion:

https://drive.google.com/file/d/1nwjyn6liAAXHFR3bczaeGrT4ZRr1_xPI/view?usp=sharing

EDUCATION AND TRAINING

[01/09/2019 – 27/01/2023]

Bachelor's Degree in Computer Science

University of Debrecen www.edu.unideb.hu

City: Debrecen

Country: Hungary

[01/09/2014 – 30/08/2018]

GCE O Levels and A Levels

Westminster Academy www.westminster.edu.pk

City: Islamabad

Country: Pakistan

Front End Development

Javascript | React | HTML | CSS | Handlebars | Embedded JavaScript (EJS) | Material UI | Bootstrap

Back End Development

Node | Express | Java | Spring | MySQL | MongoDB

Familiar

C# | Python | C++ | MATLAB | 3D Printing & Modeling (tinkerCAD) | Basics of R | Selenium | IBM Db2 | Docker

Developing Tools

Visual Studio Code | Visual Studio Express | IntelliJ | Eclipse | PyCharm | Postman | Android Studio

PROJECTS

Web App Development (Thesis Project)

<https://github.com/tanzeelkhan95/Thesis-Project>

My thesis work focused on a full-stack development project where I built an e-commerce web app using Visual Studio Code IDE. For the frontend, I designed and developed the web app to be responsive across different devices using HTML, CSS, Bootstrap and JavaScript. On the backend, I created a server utilizing JSON and REST APIs, and for data storage, I employed a database system like MongoDB to store customer login information, addresses, and order history. To ensure enhanced security, I implemented AES encryption for encrypting customer login passwords, ensuring that passwords remain inaccessible to managers while handling customer data.

Coin Game (Java FX) for Software Engineering Project

https://github.com/tanzeelkhan95/javafx_project

This Game was made with Java FX. Originally made in GitHub Classroom as a project for Software Engineering and Technologies subject. The game is played on a 4*4 cell board. Initially the four coins are placed in the middle. The goal of the game is to move each coin to a corner cell. In a move, one of the coins must be moved either horizontally or vertically by 1, 2, or 3 cells. A coin can be moved if and only if all of the following conditions hold:

1. It is adjacent to one or more coins either horizontally or vertically and The target cell is empty and all cells between the coin and the target cell are empty.
2. When a new game is started the program must ask for the name of the player.

Automation Testing Using Selenium

<https://github.com/tanzeelkhan95/SoftwareTestingProject>

Swag Labs Website Automation Testing project. For this project, I employed the Selenium Framework and tools like Cucumber to test the features of a demo website called saucedemo.com, covering login scenarios, incorrect combinations, categories, and checkout functionalities.

My Portfolio in React

https://github.com/tanzeelkhan95/my_portfolio

My portfolio is a comprehensive representation of my skills, experience, and achievements. Developed using React, HTML, and CSS, it offers a visually appealing and user-friendly platform. You can explore my portfolio by visiting tanzeel.site.

Amongus Runner (Project 1) for Software Methodologies

<https://github.com/unidebSDMGroup/AmogusRunner>

A group project of a small game made for Software Methodologies subject using Unity and C# class involving a player chasing and AI player and having to dodge obstacles. The objective of the game is to gain the highest score.

Media Player (Project 2) for Software Methodologies

<https://github.com/unidebSDMGroup/MediaPlayer>

A Group project for Software Methodologies subject made by using Java FX, the project is a video editor allowing a user to import videos, images and audio files and place them on the screen in the positions they want aswell as mute and unmute audio.

CERIFICATIONS

[21/05/2020] **Cisco CCNA Routing and Switching: Introduction to Networks**

[20/05/2023] **Career Essentials in Software Development by Microsoft and Linkedin**

[21/05/2020] **LambdaTest Test Automation Professional Certificate**

HONOURS AND AWARDS

[21/05/2020] **Letter of Merit Awarding institution:** Cisco, University of Debrecen

A letter of merit signed by Cisco CEO Chuck Robbins that is awarded for scoring 75% or above on the course final exam, acknowledging the excellence achieved.

VOLUNTEERING

[01/07/2017 – 01/08/2017] **WWF International Eco-Internship Programme** Islamabad, Pakistan

LANGUAGE SKILLS

Mother tongue(s): Pashto

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Urdu

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user