# **Hammad Latif**

# **EDUCATION**

**Government College University** 

Lahore, Pakistan Sept. 2020 – June 2024

Bachelor of Science in Computer Science

Lahore, Pakistan

The Educators
FSC Pre Engineering

Sept.2019 – June 2020

**EXPERIENCE** 

#### **Software Engineer Intern**

June 2023 – Sep 2023

Tech Bridge Consultancy

Lahore, Pakistan

- Designed responsive, user-friendly interfaces using Angular, HTML, CSS, and JavaScript, delivering a modern and intuitive user experience.
- Built and maintained RESTful APIs and server side-logic in JavaScript, managing databases, authentication and server-side authentication.
- Utilized Git for version control, managed code repositories, and coordinated branching and merging code changes with team members.

**Intern** July 2022 – Oct 2022

Government College University

Lahore, Pakistan

- I was hired by my university for a project called Campus Management System
- Students were assigned to create a project which was reviewed and shortlisted students were interviewed. I was selected amongst the top 30 students

# **PROJECTS**

# Travelling Salesman Problem using Branch and Bound / C++, DevC++

June 2022

Creation and Documentation of Branch and Bound technique to solve the travelling salesman problem

#### **Blood Bank Management System** | MySQL

June 2022

Developed a database for Blood Bank Management.

User Registration and Login Authentication API / Node.JS, MongoDB, Express, JavaScript

June 2023

Developed a server-side application that registers a user and allows him to login after being authenticated by JWT

**Book Review Application** / Node.JS, MongoDB, Express, JavaScript

Aug 2023

Developed a server-side application that allows students to retrieve books by various search methods.

The users are allowed to register too and once registered they get access to other modules such as adding, deleting or modifying a review

#### CRUD REST API / Node.JS, MongoDB, Express, JavaScript

June 2023

Developed a REST API to perform create, retrieve, update, delete operations on a database.

# **TECHNICAL SKILLS**

Languages: JavaScript, Python, Java, HTML/CSS, OOP

Frameworks: Angular

Databases: MySQL, MongoDB

**Developer Tools**: Git, VS Code, Visual Studio, PyCharm, MySQL **Soft Skills**: Critical Thinking, Conflict Management, Teamwork