

Ammar Waheed

+92-333-4128702 | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Website](#) | 3.58 CGPA

EDUCATION

The Superior University

Bachelor of Science in Information Technology

Raiwind Rd, Lahore, Pakistan

Aug. 2020 – June 2024

EXPERIENCE

NETSOL Technologies

Summer Internship

June 2024 – July 2024

NETSOL Avenue, Lahore, Pakistan

- Was assigned to the professional services department, where experience was gained by working on technologies like ReactJs and Java, and Postgresql for the backend, albeit this department also had other technologies available for learning purposes.
- Followed a roadmap for the front-end which entailed learning and working on HTML, CSS, JavaScript, SASS, Bootstrap, TailwindCSS, Ant Design, Formik, Yup, Git, Redux, Redux Toolkit, Axios
- Followed a roadmap for the back-end which entailed learning and working on Java Springboot and making APIs for CRUD in it.

Al Mujaddid Ltd

WordPress Developer / Graphic Designer

Sep. 2023 – June 2024

Bahria Town, Lahore, Pakistan

- Handled, and maintained their 2 WordPress websites. (1 in Lahore, other in UK)
- Created, maintained, and did CRUD Operations on their Business Intelligence scheduling system made in PHP, MySQL, deployed on their outsourced company website.
- Automated some of their processes, such as the meeting selection update alert using PHP mailer on their emails.

ACADEMIC PROJECTS

Multilingual Call Translator | *Java, Firebase, PHP, Google Cloud APIs, WebRTC*

Final Year Project

- Developed a Realtime call translating mobile application using Java on Android Studio and used the Firebase Firestore and Realtime database serving as the backend.
- The goal was initially the PSTN to app call translation, but due to restrictions of Android imposed by google, modifying the data channel of the PSTN side was impossible using VoIP numbers. So then settled on a solution that used WebRTC
- Made a meeting initiation app, that after the selection of languages, creates a link which can be sent to recipient, recipient can join with link if he installed app, if not then he gets redirected to the download page made using PHP link management website.

Shoe E-Commerce Web App | *PHP, MySQL, Bootstrap*

University Project 1

- Developed a full-stack web application using MySql and PHP serving as the frontend
- Created the Admin Panel for ease of CRUD operations to the store
- Creating the Landing page with Bootstrap
- [Click here to view](#)

Text-based Pacman Game | *C++, OOP, DSA*

University Project 2

- Developed a Text-based Pacman game using the concepts of OOP, of a 2 dimensional grid.
- DSA algorithm of BFS was used for searching the shortest path from source of the randomly positioned Player to the destination.
- Made 3 levels in the game, 1st where the goal was to reach from Source to Destination, 2nd was to eat as many fruits as possible while reaching goal, 3rd was with Fire Agents avoiding them while reaching goal

Shoe Management Desktop App | *C Sharp, .NET, Microsoft SQL Server*

University Project 3

- Made a basic CRUD app, designed an ERD for the database before creating the tables
- Created a beautiful frontend interface
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Computer Networking | *Cisco Packet Tracer*

University Project 4

- Designed a Network Topology to test out various operations by assigning them subnets using VLSM subnetting

- Showcased inbound and outbound ACLS, and VLANs configurations
- tested out Static Routes as well as a few other Dynamic routes, on interVLAN routing and intraVLAN routing, e.g; RIP v1 and RIP v2.
- tested our DHCP pools and auto assigned IP addresses with the proper subnets.
- showcased use of Traceroutes, and also applied NAT and PAT
- [Click here to view](#)

Network & System Administration | *Windows Server 2019, Hyper-V Manager* University Project 5

- This involved maintaining and managing virtual machines made in Hyper-V, configuring windows server on top it
- Evard's Life cycle was studied in depth
- Creating checkpoints, Domain Controller, configuring ADDS, creating groups and OUs, applying quotas on ADAC, using DHCP servers, and configuring file sharing and NTFS permissions
- Testing Shadow copy, RAID 0,1,5.
- linking and locking simple GPOs on some OUs by just making and testing few policies e.g; removing recycle bin on client side of some test departments(OUs), also applying SRPs for example of VLC.
- Grouping file servers with DFS and verifying them
- WDS was taught how to do as well
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PROFESSIONAL PROJECTS

Note taking web app | *ReactJs, Redux RTK, MySQL, Ant Design* Work project 1

- Developed as part of Experts cloud job pre-screening.
- The goal was to simply make a note taking app using ReactJs with any backend.
- Authentication was managed using Redux session slice.
- the CRUD operations were implemented, for making, deleting, and retrieving sets of notes
- [Click here to view](#)

Workout Pal - Tracker | *MERN* Work project 2

- Developed a Fitness tracking web app
- The goal was to track the reps and sets of the workouts being done
- the CRUD operations were implemented, for making, deleting, and retrieving sets of workouts
- [Click here to view](#)

Ammarvelous Notes web app | *MERN, Zustand, JWT, DaisyUI* Work Project 3

- Developed a full-stack web application with MERN stack
- The goal was to make a note taking app where anyone can sign up, login and start creating notes on the go.
- did state management using Zustand
- implemented user authentication using JWT tokens, and cookie-parser library in express
- Used DaisyUI, a plugin for TailwindCSS for the styling.
- [Click here to view](#)

CRUD Employee Mgmt web app | *ReactJs, Fake JSON server for REST APIs* Work Project 4

- Developed a full-stack web application using React, and Fake JSON Server
- Made two display modes for the employee table, one is table form, other is card form. They were controlled with a boolean that was prop-drilled.
- it was hosted on cyclic.sh earlier then it ran very fast, but after that was taken down, its now hosted on render.com, it now takes a minute to load, but eventually loads.
- basic CSS was used for styling.
- [Click here to view](#)

Highland Constructions Website | *WordPress* Work Project 5

- Developed a Constructions Website for a client in Bahria Town
- Made a static website, in accordance with the requirements
- [Click here to view](#)

TECHNICAL SKILLS

Languages: Java, C sharp, .NET, C++, MySQL, Microsoft SQL Server, PHP, JavaScript, HTML/CSS

Frameworks: React, Express.Js, Node.Js, MongoDB, WordPress, TailwindCSS

Developer Tools: Git, VS Code, PostMan, Visual Studio, Android Studio

Libraries: Mongoose, Ant Design Daisy UI

Quirks: 60 WPM typing speed, loves using Linux instead of windows, loves to provide troubleshooting,