

# Muhammad Jawwad

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in <https://www.linkedin.com/in/muhammad-jawwad-14ba35237/>

🐙 <https://github.com/Muhammad-Jawwad>



## 🎓 Education

### Bachelors in Computer Science & IT

*NED University of Engineering & Technology*

2021 – Present | Karachi, Pakistan

### Intermediate - Pre Engineering

*Cantt College*

2019 – 2021 | Karachi, Pakistan

### Matriculation - Science

*The Foundation School*

2017 – 2019 | Karachi, Pakistan

## 💼 Professional Experience

### Koha Library Management System - Backend Developer

*Abdul Kalam Library - NEDUET*

03/2023 – Present | Karachi, Pakistan

- Improved system performance by 30% through scalable API development.
- Resolved backend bugs efficiently.

### Member of Team Backend Development

*Artificial Intelligence Club - NEDUET*

02/2023 – Present | Karachi, Pakistan

- Working with a skilled team
- To develop the Admin Portal and official website
- Using the MERN Stack.

### Student Brand Ambassador

*State Bank of Pakistan*

06/2022 – 12/2022 | Karachi, Pakistan

- Virtual internship participation
- Based on the National Financial Literacy Program for Youth

### Web Development Intern

*SayabiDevs*

07/2022 – 08/2022 | Karachi, Pakistan

- It was a six week internship program.
- I joined this company to experience the full stack web development internship position.

## 📁 Projects

### Quiz Admin Dashboard - React ✍

*Personal Project*

02/2023 – Present

- Node Js and SQL Backend.
- User-friendly design.
- Adding quiz testing feature as well.
- Focus on enhancing React skills

### NED Scholarship Portal ✍

03/2023 – 06/2023

- Awarded 1st position in WebKodz'23.
- MERN Stack project.
- Worked with senior colleagues.
- Achieved 100% of the specified requirements.
- Fully functional for the students seeking scholarships at NEDUET.

### Online Quiz Application ✍

*Personal Project*

09/2022 – 02/2023

- Node Js and SQL Backend.
- Java Android Application.
- Worked with my colleague.
- Developed fully functional deployed APIs.

### Route Planner ✍

*Data Structures and Algorithms Project*

11/2022 – 01/2023

- Data Structure and Algorithm course project.
- We attained 90% accuracy in route optimization.
- Developed by using the A\* star algorithm.
- We employed machine learning techniques.

### Admission Management System ✍

*Object Oriented Programming Project*

05/2022 – 07/2022

- This project was console-based.
- Constructed with Object-Oriented Programming (OOP) principles.
- Utilized various C++ libraries.
- Performed data retrieval and storage through file system handling.

## Frontend Developer Intern

Interns Pakistan

06/2022 – 07/2022 | Karachi, Pakistan

- It was a six week internship program.
- I worked on HTML, CSS and Javascript

### Technical (IT) Skills

#### Development



MERN stack, API development, Bug fixing, Issue resolution

#### Database Management



SQL(MySQL, Oracle), NoSQL (MongoDB)

#### Tools



MS Visual Studio, MS Office, Canva, Oracle APEX, Postman, XAMPP Server, Git.

#### Languages



JavaScript, C++, Python, HTML, CSS

#### Research and Planning



Identifying Problems, Gathering Information, Developing Evaluations, Calculating Results

### Soft Skills

Communication

Teamwork

Flexibility

Confidence

Decision-Making

Self Management

### Certificates

#### Teachers Training Program

EDLAB Pakistan

#### Workshop Participation Certificate

Google Developer Student Clubs

#### Problem Solving Certification

HackerRank

#### Introduction to Javascript

Great Learning

### Co-curricular Engagements

#### Artificial Intelligence Club - NEDUET

Member of Team Management & Logistics

12/2022 – Present

#### Mathlers Society

Event Organizer

05/2018 – 06/2022

#### The Hashmians Foundation

Volunteer

02/2019 – 06/2021