Khawaja Muhammad Abdullah

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# SUMMARY

As a dedicated Bachelor's student in Computer Science, I am deeply committed to building and optimizing user- focused, scalable websites. My expertise lies in PHP frameworks like Laravel, and I am always eager to expand my skill set. I have a strong background in designing single-page applications using JavaScript frameworks such as Vue Js, seamlessly communicating with backends through APIs. Proficient in back-end coding, I specialize in constructing efficient PHP modules and designing APIs, databases, and object-oriented programming. With comprehensive knowledge of systems architecture, design patterns, and the software development lifecycle, I am well-versed in documentation practices. I possess a solid understanding of front-end technologies and how they integrate with back-end systems. Moreover, my interests extend to the fascinating domains of Data Analytics, Data Science, and Machine Learning.

# PROFESSIONAL EXPERIENCE

**Software Development Intern**

**Arif Habib Ltd. June 21 – July 21**

* Managed websites and web applications developed for the company and other departments of the office using .Net in the IT department.
* Worked with databases in MySQL and SQL Server, ensuring smooth data management and efficient retrieval.
* Gained a comprehensive understanding of how the IT department supports and assists other departments within the office.

# PROJECTS

**Employee Management System**

* Developed as a comprehensive end-of-semester project for the courses Database Management System and Software Design and Analysis (SDA).
* Designed the front-end using HTML, CSS, and Bootstrap, while the back-end was implemented using Laravel.

**GitHub link:** [Employee Management System](https://github.com/KhawajaAbdullah2000/emp)

# Key Features Included:

* Admin and Employee login functionality for secure access.
* Admin Dashboard providing centralized control and management.
* Employee Dashboard offering a personalized interface for individual employees.
* Implemented features for marking and filtering attendance records.
* Project assignment capabilities for efficient task management.
* Leave application feature for streamlined leave management.
* Performance appraisal functionality to assess employee performance.

**Restaurant Management System**

* Developed a comprehensive Restaurant Management System utilizing Vue Js and json-server for back- end and API handling.
* Employed Tailwind CSS for seamless and visually appealing styling.

**GitHub link:** [Restaurant Management System](https://github.com/KhawajaAbdullah2000/restaurant-management-vue)

# Key features Included:

* User signup and login functionality for secure access.
* Restaurant management capabilities allowing the addition of new restaurants.
* Updated restaurant details functionality to ensure accurate and up-to-date information.
* Implemented the ability to delete restaurants from the system for efficient management.

# ACADEMIC ACCOMPLISHMENTS

* Recognized on the Dean's List for outstanding academic performance for 3 semesters in university.
* Hired as Teaching Assistant for Differential Equations course.

# CERTIFICATIONS

* Intermediate Python (Data Camp)
* Introduction to Importing Data In Python (Data Camp)
* Introduction to Python (Data Camp)
* Python Data Science Tool Box (Data Camp)

# EDUCATION

**Bachelors in Computer Science (2020- Present) FAST NUCES, Karachi**

**A Levels (2018-2020)**

**Nixor College**

**O Levels (2015-2018)**

**Fahim’s Schooling System SKILLS**

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| **Backend code using PHP and Laravel** |
| **Create Single page applications using Vue Js** |
| **Designing RESTful APIs** |
| **Ajax** |
| **Designing websites using WordPress** |
| **Version control using Git, GitHub** |
| **Object-oriented programming** |
| **MySQL, Oracle** |
| **MongoDB** |
| **HTML, CSS, JavaScript, JQuery** |
| **Tailwind CSS, Bootstrap** |
| **Machine Learning using Python, Sklearn** |
| **Data visualization using Matplotlib, Seaborn** |
| **MVC Architecture** |
| **Design Patterns** |