

MUHAMMAD SAAD AMIN

House # 274, Takbeer block Sector B, Bahria Town Lahore.

+92342 0613464

saadamin492@gmail.com

Summary

I completed my graduation in June 2018 from Comsats University Lahore as a B.sc (Hons). During my period as a student in university I did **Internship of 3 months** in goodlogics software house.

After my graduation I got myself offered by the same software house in which I did an internship and started my job on **4th of july,2018**. During my job I worked on multiple Ruby on Rails projects and also backend module development of magento 1.9.

Learning new platforms and technologies is not an issue as I have proved it in my final year project as well as in my job experience after that.

I believe I can add value and prove my worth in your organization also if you give me an opportunity.

PROFESSIONAL EXPERIENCE

GoodLogics PVT:

I started in an internship program in goodlogics software house and have worked in Magento on ecommerce sites like riva fashion to do their maintenance and to convert their Magento platform to amazon web services.

IrvineTek:

In this company we introduced so many features in the erp system for hospital management. I had the opportunity to work on server configurations, database architecture optimization, many functionalities related to both opd and ipd including report generations for the lab. It's such a vast project and also currently lives in three major hospitals in lahore.

Software Development Experience

Here is a list of some of the technologies I have worked with in the past *Ruby on rails, Magento, laravel, Unity, JAVA, Html/css, JQuery/Javascript, Vue.js, Aws/Devops, Php scripts, cronjobs, Sql.*

RUBY ON RAILS:

Hospital Management System (HMIS)

This project included complete hospital management from wards, opd, ipd, emergency to sales reports, lab reports and their invoices. It was a complete erp solution for hospitals. It had a very healthy database architecture and on top of it very flexible web-app. Its currently live in many hospitals in lahore.

Real-Estate project

In this project we worked on integration and customization of google maps in both active admin and front-end. Added modules for agriculture and projects module. Performed authorization and authentication for agents and admin through devise and pundit gems.

Porsche project

In this project we did maintenance of an already created project and added multiple features for their workshop. This project is active admin based and brings alot of customization in the ui and functionalities of that gem.

DigitaiZ project

In this project we integrated a-checker which was a php module with ruby on rails project and connected this project with multiple databases. we have worked on visualizer tool for building design of rooms. This project involves customization of active admin at a very advanced level while integrating it with other gems.

MAGENTO(E-COMMERCE):

In this project I worked on customizing and adding multiple php modules and deployed on amazon web services.

LARAVEL:

An Adaptive Decision Support System for Precision Agriculture Irrigation in Pakistan

In this project we obtained input data from the fields of the Wasp mote sensors applying the concept of IOT. Input data is uploaded on the database through a cloud device

which is Meshlium. Database is connected with the laravel in which we are performing formulas to evaluate crop water stress index and evapotranspiration on the obtained data from the fields and storing the calculated data in the database. Other interface of java is also connected with the same database which is connected with weka. Weka performs the J48 algorithm on the Crop water stress index and generates trees. The result is sent to the laravel. From where the notification can be sent to the farmer according to the situation.

Hospital Management Solution

I have built a hospital management system in Laravel after getting requirements from the client. It uses authentication and authorization techniques for staff and doctor. It also uses libraries like Consoletvs for charts for a doctor's console. My final year project was in Laravel in which we have achieved to perform machine-learning algorithm with the help of Weka in building adaptive decision support system for precision agriculture in Pakistan

JAVA:

Flight Reservation & Management System

In java, I have built flight reservation and management system, which can store the data of every passenger and flight and can display it in the form of tickets. I have also worked in android by building call logs and retrieving contact numbers from the phone.

UNITY PLATFORM:

Chemical Forest

In unity, we have done work on serious games and build one game as a group project. The name is chemical forest. Which tests the knowledge of chemistry subject of a player (at F.sc + Matric level in Pakistan) with entertainment. Beside that project, I have also build games survival shooter and roll a ball in unity using unity tutorials.

AREAS OF EXPERTISE

- Ruby on rails
- Magento
- AWS
- Laravel
- JAVA

- Unity
- Javascript/Jquery
- Html/css/bootstrap
- MySQL
- Eclipse
- Netbeans
- PhpStorm
- Sublimetext

EDUCATION

**Comsats Institute of information and technology,
Comsats University Islamabad, Lahore campus ■ 2014~ 2018**
B.Sc (Hons), Computer Science. CGPA = 2.69

Punjab College Lahore ■ 2012~ 2014
Fsc Marks obtained=776/1050

The Trust School Thokar Niaz Baig Lahore ■ 2007~ 2012
Matric Marks obtained=820/1000