

Josephine R Chivinge

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<http://jcportfolio.azurewebsites.net>

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Profile

I am a detail-oriented, efficient and organized Desktop and Web Application Developer with extensive problem solving skills. I am well versed in programming, designing and testing software across a variety of platforms. I take pride in coding to consistent high standards. I have strong analytical and project management skills, with the ability to make well thought-out decisions. I regularly refresh my skills to ensure I keep up with ongoing IT developments and new technologies. I am highly resourceful in the completion of projects and comfortable working either independently or as part of a team.

Academic Details

2016: Advanced Diploma in Business Information Technology (University of Johannesburg)

Modules Include:

- Advanced Business Analysis
- Advanced Database
- Advanced Programming
- Human Computer Interface
- Software Requirements
- Software Testing
- Software Project

2012 – 2015: Diploma in Business Information Technology (University of Johannesburg)

Modules include:

- Business Analysis
- Information Systems
- Development Software
- Communications Network

Portfolio

Please visit my website <http://jcportfolio.azurewebsites.net> for more details on completed projects.

As part of the 3rd year project, I lead and managed a team that developed a Cab Booking and Management System. The system has three main components, namely a Website, Android Mobile Application as well as a Desktop Application. These components can support any Cab organization going digital and improves its business practices to make them more efficient and effective.

The following is a brief description of each system components.

1. Android Mobile Application

The application enables a customer to register, login and request for a cab via the online booking service. Customers can also view driver details and track the booked cab in real-time. The mobile platform allows a customer to make card payments for the trip. As a marketing strategy, registered customers earn loyalty points which they can later redeem on the next trip.

2. Website

The website provides the company with an online presence. Potential customers can view important information such as company advertising information, and trip specials. Customers can also effortlessly make cab bookings.

3. Administrative Dashboard

Administration is facilitated via the administrative dashboard where the admin is able to monitor the cab driver's performance, perform administrative tasks such as inserting, updating and deleting driver/employees/customer record. The informative dashboard displays daily, weekly, monthly cab earnings, total expenses, as well as cab location. It also produces an overview report of the business' operational and financial wellness as well as individual driver reports.

For my 4th year project, I created a Doctor Practice management system called DoConnect. The DoConnect System aims to provide a world-class medical health practice management services to various medical health practitioners. The system can be used by Doctors with any number of practices. The system acknowledges the need for multiple practice data integration in order for medical health practitioners to be able to access patient medical records from any other practice if need arises. It also enables online appointment bookings for patients and hassle free appointment management for the practice. It allows for medicine inventory management and alerts the staff before the stock levels get too low.

Skills and Competences

I am well acquainted with the following software development platforms and programming languages.

- C#, Visual Studio
- SQL, Relational Databases
- MySQL
- PHP, HTML, CSS, XML
- JSON
- JavaScript, jQuery and AJAX
- GitHub
- Angular JS
- ASP.NET
- REST
- Bootstrap
- Software design & Testing
- Website development
- Web services

Personal Skills

- Problem solving skills
- Team leadership skills
- Computer literate skills
- Good communication skills
- Excellent organizational skills
- Creative and positive energy
- Critical thinking

Achievements

Leadership

- ✓ Lead and managed a successful project.

Good academic record

- ✓ Achieved a number of distinctions

Work Experience

- **Shop Assistant** at Shirt Story Retail Shop (07/01/2013 – 31/12/2014)

I was responsible for assisting shoppers to find the Shirt they are looking for. I was involved in stock control and management. I also processed cash and card payments.

- **Junior Software Developer** at Tracker (Pty) Ltd (05/01/2015 – 31/12/2015)

I was part of an agile development team building and working on enterprise grade software systems for Tracker. I contributed to the analysis, design, development, testing and implementation of software. I interfaced with clients to capture desired software functionality.

References

Manager Name: Mr. Christiaan van der Linde
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