Rushabh Padalia

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Self-Motivated, Team Player, Qualified and Ambitious software developer with a passion for developing innovative software solutions

Competencies

➢ Up to date with latest software technologies
➢ Have special interest and expertise in Linux and other open source technologies
➢ Detail oriented with strong programming skills
➢ Works diligently on complex, big, tedious assignments
➢ Practical ability to gather and use data effectively
➢ Excellent interpersonal communication, time management, and problem resolution skills

Professional Skills

➢ **Programming Languages:** Java, Python, JavaScript, C#, PHP
➢ **Technologies/Frameworks:** GTK/Glade, Node.js, .NET Framework, Android, JQuery, Bootstrap CSS Framework
➢ **Operating Systems:** Linux (Fedora, openSUSE and Debian based distros), Windows 8/7/XP
➢ **Database Technologies:** MySQL, SQL Server, SQLite, Postgresql, MongoDB
➢ **Software Packages:** LibreOffice suite, Microsoft Office, Cloud based office suite(Google docs , Office 365), Git distributed version control system, Mercurial distributed version control system, Eclipse

Professional Experience

Larsen and Toubro – Undergone 4 months of vocational training on "*Software Development and Implementation of Safety Field Audit* " at L&T-Modular Fabrication Facility (MFF), during the period of Jan-May 2012.

Developed web based application for Engineers to input and manage safety violations by staff during work in fabrication yards. The software also generates graphs and reports using SQL Server Reporting Service (SSRS) which are used in company official records and safety presentations.

Freelancing Projects

ERP System for SCRIM PRODUCTS PVT. LTD. - A web based ERP system for SCRIM Products. The system is build to automate the internal business processes of the company. The system is build in Django framework and is hosted on Heroku. The system is currently in beta stage and is used by the company.

Web Link : http://heroku.screenall.com

Website for The Royal Taj(Restaurant) - A website for The Royal Taj, which includes an asynchronous menu management system. The menu information is stored in json file.
Bootstrap CSS framework, JQuery JavaScript library and HTML was used for frontend and PHP was used as backend service side language.

Web Link: http://www.theroyaltaj.com/index.php

Website for Hamilton Star Cabs(Taxi Service) - A website for the taxi service, which includes booking for taxi. The driver receives email and text message about the booking information.
Bootstrap CSS framework, JQuery JavaScript library and HTML was used for frontend and PHP was used as backend service side language.

Web Link: http://www.hamiltonstarcabs.com/

Pet Projects

EasyMail – A small light weight mail extension for the nautilus file manager. The program is written in python using GTK+ 3 framework in Ubuntu operating system. The application uses gnome keyring to store the user's email details secure. The application is currently under development.

GitLab Link: https://gitlab.com/PadaliaRushabh/EasyMail

Control Over Web (Home Automation and Control System) - Temperature sensors, Intrusion detection sensors and fire alarm are connected to web relay. With this software package you get notifications on your Android device when intrusion or fire alarm gets activated. Current temperature can also be viewed on your android device. Software package is divided into three parts.

1. Android application
2. Google cloud messaging server which is responsible for notification and
3. Web scripts which gets data from web relay.

GitHub Repository Link: https://github.com/PadaliaRushabh/control-over-web

University Projects

Zoo Management System – The goal of zoo management project is create a tool for zoo administrators to store and manage information about the zoo on a computerized database system. The System is divided into two parts: the desktop application to view information and the web admin UI to manage information.
GitHub Repository Link: https://github.com/PadaliaRushabh/zoo

Singapore Partners - Website to promote Singapore tourism industry. PHP is used as backend server side language and bootstrap CSS framework, HTML is used for front hand.
GitHub Repository Link: https://github.com/PadaliaRushabh/SIngaporePartners

TweetX - TweetX is a data mining project to collect information from twitter and cluster them using K-mean data mining algorithm. Ruby script is used to collect data from twitter. The script collects user specific data like Age of Twitter Account, Number of Followers, Number of Friends, Number of Tweets, Number of Favorited Tweets, Listed Count, Last Tweets. All the data gathered are in public domain. K-mean algorithm is written in python language which is used to cluster the data.
GitHub Repository Link: https://github.com/PadaliaRushabh/tweetx

Guess my Number - Guess my name is an Android App for small children, it is an educational game which uses virtual cards that display collections of numbers. The numbers are chosen such that when they are arranged carefully on the cards , the child is able to play a game of "guess the secret number". When a child wins a game , the child's name, current date , and the game score are saved to a high-scores table.
GitHub Repository Link: https://github.com/PadaliaRushabh/Guess-My-Number

Educational Qualification

Masters of Computing (Australian National University - Canberra, Australia)
- ➢ Masters of Computing at Australian National University
- ➢ Majoring in Software Engineering
- ➢ Started in July 2014
- ➢ Currently in Semester – 3 (Awaiting results)
- ➢ Ranked 25th in the world by QS World University Ranking (2014) and 45th in the world by Times Higher Education World Ranking (2014)

Bachelor in Information Technology (James Cook University - Singapore)
- ➢ Bachelor in Information Technology at James Cook University - Singapore
- ➢ Secured 5.56/7 GPA
- ➢ Graduated in March 2014
- ➢ Secured advance standing in 8 subjects and scholarship in two subjects
- ➢ Course Outline: Operating Systems architecture, Advanced Programming, Web Development and Internet Technologies, Mobile Technology (Android), Data Mining, Algorithms, Human Computer Interaction

Diploma in Information Technology (Nirma University - Gujarat, India)
- ➢ Diploma in Information Technology at Nirma Institute of Technology – India
- ➢ Four Years Diploma Program (Aug-2008 to June 2012)
- ➢ Secured First Class with Distinction
- ➢ Nirma University is one of the top ranking universities in India
- ➢ Course Outline: Operating Systems architecture, Advanced Programming, Programming (C, C++, Java, C#, PHP, JavaScript, HTML), Database (Oracle Database), Information System Managements, E-Commerce fundamentals

Personal Details

- ➢ Date of Birth: November 6, 1991
- ➢ Languages Known: English, Hindi, Gujarati
- ➢ Address: UniLodge @ ANU - Davey Lodge, Room No: 1133, 25 Childers Street, Canberra ACT 2601, Australia
- ➢ Nationality: Indian
- ➢ Hobbies: Hacking Open Source Software and Technologies, Android Programming and Technologies, Development of Automation tools using Linux.