

Rushabh Padalia

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Seeking challenging assignment in Software Development

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

Website for An-Cee (Fashion Store) - A website for An-Cee (Fashion Store) which includes an administrative backhand, where the site admin can update website information, images with ease.

Bootstrap CSS framework, JQuery JavaScript library and HTML was used for frontend and PHP was used as backend service side language. MySQL is used as Database.

Web Link: <http://an-cee.com/>

Pet Projects

Fastest Finger First (Quiz buzzer) – Project involving micro-controller sequencing program and serial interface to PC. Buzzers are connected to PC which are to be pressed, the first buzzer to be pressed is displayed on the PC in a GUI based software written in C#/ .NET framework for windows.

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, and 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 - 2
- Ranked 27th in the world by QS World University Ranking (2013) and 48th in the world by Times Higher Education World Ranking (2013).

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: Astronomy, Open Source Software and Technologies, Android Programming and Technologies, Development of Automation tools using Linux, Reading about Ancient Civilizations and Indian history.