Rushabh Padalia

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

**Technical Skills**

* **Programming Languages:** Java, Python, JavaScript, C#, PHP
* **Technologies/Frameworks:** Android,GTK/Glade, Django, Node.js, JQuery, Bootstrap CSS Framework, Git distributed version control system, Mercurial distributed version control system
* **Operating Systems:** Linux (Ubuntu, Linux Mint, Fedora,), Windows 8/7/XP
* **Database Technologies:** MySQL, SQL Server, SQLite, Postgresql, MongoDB

**Personal Projects(Android)**

**Remember To Call**

* Allows you to keep in touch with your friends and family! The application sends you a notification so you know that it's time to call.
* Implemented appropriate research techniques and software engineering practice for the development of the application.
* Improved my Android Programming skills, problem solving skill and communication skills with online users through forums like stake-overflow and GitHub.
* Tested appropriate library hosted in GitHub needed for the application and reported bugs upstream, if found.
* The application is uploaded in Google Play Store and code is released under MIT license.

Google Play Link: <https://play.google.com/store/apps/details?id=com.rushabh.remembertocall>

GitLab Link: <https://github.com/PadaliaRushabh/remembertocall>

**Australia GPA Calculator**

* Australia GPA Calculator is a simple, materialist designed opensource application to calculate GPA.
* Implemented appropriate research techniques and software engineering practice for the development of the application.
* Improved my Android Programming skills, problem solving skill and communication skills with online users through forums like stake-overflow and GitHub.
* The application is uploaded in Google Play Store and code is released under MIT license.

Google Play Link: <https://play.google.com/store/apps/details?id=com.rushabh.australiagpacalculator>

**GitLab Link:** <https://github.com/PadaliaRushabh/australia-gpa-calculator>

**Control Over Web (Home Automation and Control System)**

* Application allows users to see current temperature, last intrusion alarm time-stamp and last fire alarm time-stamp from the mobile. Application also sends notification.
* Temperature sensors, Intrusion detection sensors and fire alarm are connected to web relay. Web script gets data from sensors and updates to remote database at regular intervals.
* Android application gets the data from database to the user.

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

**University Projects** **(Android)**

**Canberra Trail Pass (ANU Techlauncher)**

* Canberra Trail Pass is my final year Android application project at ANU. Canberra Trail Pass tracks performance and progress on trail with city pass and discounts.
* Following SCRUM methodology to have weekly meeting with client and team members.
* Responsible for research of library and technologies, requirement gathering, weekly application demo to client,leading Android development for the team, generating signed APK and uploading to Google play store, Signing-off updates and changes to code base using gitlab, task allocation in team only meetings and helping team members when required with API server written in Sitebricks.
* Project is under development but alpha testing APK is released in Google Play Store.

Google Play Link: <https://play.google.com/store/apps/detailid=com.comp8715.canberratrailpass>

**Professional Experience**

**Web Developer Internship(Jan 2012 - May 2012)**

Larsen and Toubro, India

* Implemented software engineering practices for gathering functional and non-functional requirements with key stakeholder.
* Worked and communicated effectively with team member and clients to analyse requirements, understand and resolve issues.
* Evaluated successful and better solutions for the client wherever necessary.
* Developed web based application(Asp.net C#) 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**

**Web Application (Web Based ERP System)**

SCRIM PRODUCTS PVT. LTD, India

* Responsible for requirement gathering, designing application architecture and backend coding.
* Held1 on site meeting and regular online meeting with client for requirement gathering and analysis.
* Communicated effectively with team member and client to understand company internal business processes, requirement changes and demonstrate progress every 15 days.
* The system is build in Django framework and is hosted on Heroku.

Web Link : [http://heroku.screenall.com](http://heroku.screenall.com/)

**Web Application (Restaurant Website)**

The Royal Taj, Cincinnati, USA

* Responsible for requirement gathering, designing application architecture and backend coding.
* Communicated effectively with team member and client to understand functional and non functional requirement of the website
* Includes an asynchronous menu management system.
* Technical Skills: 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>

**Educational Qualification**

**Masters of Computing (Australian National University - Canberra, Australia)**

* Masters of Computing at Australian National University
* Majoring in Software Engineering
* Graduating in July

**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
* 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.