

# 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:** GTK/Glade, Django, Node.js, .NET Framework, Android, 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
- **Software Packages:** LibreOffice suite, Microsoft Office, Cloud based office suite(Google docs , Office 365)

## 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.
- Held 1 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://screenall.herokuapp.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>

## **Personal Projects**

### **Android Application**

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 stack-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>

## **Android Application**

### **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 Application**

#### **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 testing APK is released in Google Play Store

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

## **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 – 4

### **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.