

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 stackoverflow 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.rembertocall>

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

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.
- 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://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.