

# Ronak Patel

Scientist — Engineer — Innovator

## EXPERIENCE

SEPTEMBER 2014 APRIL 2015

Royal Bank of Canada, Toronto, Canada

*Prototype Technical System Analyst*

Innovation in Financial Technology: NymiAuth and NymiTran Android Applications. Payment with Wearable Technology using NymiBand, Backend in Firebase, Application on Android Platform using Java, Authentication and Wearable Tech Prototype. Development at RBC: AIFeedback Web Application. FrontEnd in Bootstrap(HTML, CSS, JavaScript), Backend in PHP-MySQL, Deployed on Apache HTTP Server.

JUNE 2012 MAY 2013

UGVCL, Gandhinagar, India

*Developer Intern*

Development of Transformer Management System for employees of UGVCL to keep track of Transformers. Agile SDLC followed. FrontEnd in HTML, CSS, JavaScript, Backend in PHP-MySQL, Deployed on Apache HTTP Server.

FEBRUARY 2013 MARCH 2013

Rutav Engitronic Systems, Gandhinagar, India

*Freelance Developer*

Development of Vehicle Tracking and Control System. Scrum Model followed. System can track and control vehicle remotely. FrontEnd in HTML, CSS, JavaScript, Backend in PHP-MySQL, Deployed on Apache HTTP Server.

## EDUCATION

JANUARY 2014 JUNE 2016

University of Windsor, Canada

*MSc. Computer Science*

JULY 2009 JUNE 2013

Gujarat Technological University, India

*B.E. Computer Engineering*

## RESEARCH

MAY 2015 JUNE 2016

*University of Windsor*

Search Space Representation of Near Field 3D Scenes using Microsoft Kinect

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## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

Java, C#, Python, C, C++

### MOBILE DEVELOPMENT

Android

### WEB DEVELOPMENT

PHP, HTML, CSS, JavaScript

### CLOUD & DATABASE

AWS, IBM Bluemix, MySQL, Firebase

### APPLICATION SERVER

Apache HTTP Server, Apache Tomcat

### DESKTOP DEVELOPMENT

.NET, Windows, WPF

### HARDWARE DEVELOPMENT

Arduino, Particle Photon, Intel Edison, Mediatek LinkitOne, Tessel, Raspberry Pi

### DEVICES

NymiBand, Estimote Beacons, Microsoft Kinect, Amazon Echo

## PROJECTS

2014 **NymiAuth & NymiTran**

*Royal Bank of Canada*

2014 **AIFeedback Web Application**

*Royal Bank of Canada*

2013 **Vehicle Tracking and Control System**

*Rutav Engitronic Systems*

2012 **Transformer Management System**

*Uttar Gujarat Vij Company Limited*

OPEN **[github.com/ronakp](https://github.com/ronakp)**

*All Open Source Projects are on GitHub*

## LEADERSHIP

CO-FOUNDER & ADMINISTRATOR

TechTitanz Club

FOUNDER & PRESIDENT

HackUWIN Hackathon