



Khush Patel

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Khush Patel

Tech Enthusiast — Ignite Teenovator

Area of Interest

- Cloud Computing
- Big Data and Analytics
- Internet of Things (IoT)
- Java Programming

Education

B.Tech. Computer Science and Engineering (IBM Cloud Based Applications)

2015-Present

U. V. Patel College of Engineering, Ganpat University
Grade : 8.37 CGPA (till 5th Semester)

Class XII (Science Stream)

2013-2015

Gujarat Secondary & Higher Secondary Education Board
Grade : 83.52 Percentile

Class X

2012-2013

Gujarat Secondary & Higher Secondary Education Board
Grade : 96.18 Percentile

Experience

Projects

○ **KarConnect — Internet of Things (IoT)** **2016-2017**

Tools Used : Raspberry Pi 3, Arduino Uno and Mega, On Board Diagnostics (OBD-II), Raspbian OS, Python, OBD Simulator, Automosys Dongle Simulator

Sensors : PIR Motion Sensor, Ultrasonic sensor, Servo Motor, DHT11, HC05, 16x2 LCD Display

Project URL : <https://www.karconnect.com>

○ **Funding Stack — Java Enterprise and IBM DB2** **Fall 2017**

Tools Used : Eclipse Neon, BootStrap, Rational Application Developer, IBM DB2

Modules : Live chat between Innovator and Sponsor, Image Handling, Mail API, Database Administrator, Front-End Developer

GitHub Project URL :

https://github.com/iKhushPatel/Funding_Stack


○ **Apps Control Docker — Python (Linux)** **Spring 2017**

Tools Used : Python GUI, Tkinter, Ubuntu, InkSpace

Modules : Ubuntu Docker, Customization, Access Operating System

GitHub Project URL :

https://github.com/iKhushPatel/Apps_Control_Docker

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Skills Bar

IoT:	● ● ● ● ○
Java:	● ● ● ● ●
J2EE:	● ● ● ● ●
Python:	● ● ● ● ●
C/C++:	● ● ● ● ○
HTML:	● ● ● ● ●
ASP.NET	● ● ● ● ○
JS:	● ● ● ● ○

○ **Airline Reservation Management — Java and MySQL** **Fall 2016**

Tools Used : IBM RAD (Rational Application Development), MySQL
Modules : User Login, Flights Availability, Flight Current Status, Passenger Details, Validation, Short Promotion Video (Marketing)
GitHub Project URL :
https://github.com/iKhushPatel/Airline_Reservation_System

○ **Bank Recurring Deposit System — C++ Programming** **Spring 2016**

Tools Used : CodeBlocks, DevC++
Modules : User Data Manipulations, Recurring System, Withdraw, and Deposit, Authentication, GUI and Sound
GitHub Project URL :
<https://github.com/iKhushPatel/Bank-Recurring-Deposit-System>

○ **Employee Management System (EMS) — C Programming** **Fall 2015**

Tools Used : Turbo C++, CodeBlocks, Dev C++, GitHub
Modules : Add, Edit, View, Update, Delete, Present
GitHub Project URL :
https://github.com/iKhushPatel/Employee_Management_System.git

○ **Students Competitions — Web Development** **Fall 2015**

Tools Used : Notepad, Notepad++, KompoZer, Adobe Dreamweaver CS6, GitHub
Modules : Engineering, Medical, Scholarships, Entrance Examinations, Books
GitHub Project URL :
https://github.com/iKhushPatel/Student_Competitions.git

Invention

- Movable Seat for Physically Disabled in Cars — Automobile with IoT
An objective of this innovation is to provide sliding and rotating seat for a vehicle which aids in ease of getting into and getting out of a vehicle for a needy person; which will facilitate to push-pull, back-forward, up-down and rotational movements of the seat.

Research

- Patent Title : An Angularly and Laterally Displaceable Seat for Vehicles
Patent Application No. : 3548/MUM/2014
Publication : Intellectual Property India

Internships

- Project : KarConnect (IoT based real time vehicle diagnosis & driving behavior monitoring platform)
Organization : Lets Nurture Infotech Pvt. Ltd.
Duration : 1 Year (Part-time) under Industry Academia Program
- Project : Hospital Management System - Sanjeevani Hospital
Organization : Cyber Green Defence
Duration : 1 Month (Full-time)

Industrial Visits

- NASA Space Center Houston, USA
- IBM India Pvt. Ltd. Pune, India
- Extentia Information Technology Pune, India
- Centre for Development of Advanced Computing (C-DAC) Pune, India
- Physical Research Laboratory Ahmedabad, India

Skills and Awards

Technical Skills

- **OS :**
Linux (RedHat RHEL7, Ubuntu), Windows
- **Cloud :**
IBM Bluemix, Amazon Web Services
- **IoT Board :**
Raspberry Pi, Arduino, Micro Controller
- **Mobile :**
Android Development, UI/UX Design
- **Programming :**
Python, Java & J2EE, C/C++ , ASP.NET, Bash Scripting
- **Web :**
HTML/HTML5, CSS, JavaScript, BootStrap, Responsive Design
- **Database :**
MySQL, IBM DB2, MSSQL
- **Other :**
GitHub, MatLab, LaTeX, Digital Media

Awards

- Honor Medal in I-SWEEEP International Project Olympiad at Houston, Texas (USA)
- IGNITE Award from Dr. APJ Abdul Kalam by NIF-India at IIM Ahmedabad
- Google Facilitator for Applied CS with Android program from Ganpat University

Certifications

- Google Applied CS with Android
- Google Cloud Platform Fundamentals (CP100A)
- Google Code-In 2015
- Google Power Searching
- Microsoft India AppFest
- Microsoft Digital Literacy Test
- Intel Tech Challenge
- TCS IT Wiz 2013
- Python Training by Spoken Tutorial, IIT Bombay
- Scientific Computing using Python by FOSSEE, IIT Bombay
- Udemy Networking Concepts for Beginners
- Digital Wellness Online Challenge
- LaTeX Training by Spoken Tutorial, IIT Bombay
- Google Science Fair 2014

Personal Strengths

- Self Confidence & Effective Communication Skill
- Quick Learning Ability & Strong Problem Solving Nature
- Positive Attitude & Smart Working
- Good Leadership Quality & Team Spirit
- Creative Thinking & Innovative Nature
- Excellent Observation Power & Documentation

Profile

- **Full Name** : Khushkumar Harshadbhai Patel
- **Age** : 20
- **Address** : Ahmedabad, Gujarat, India.
- **Hobbies** : Creativity, Techie, Fun with Kids, Music, Thinking about Life, Knowledge Gathering