

# Divyakumar J Patel

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## EDUCATIONAL QUALIFICATIONS

Course	Stream	Institute	Board / University	Date of Passing	Percentage
B.E.	EXTC	Atharva College Of Engineering	Mumbai University	June-2016	CGPI 5.83
H.S.C.	Science	Thakur Vidyamandir Junior College Of Science	Maharashtra State Board	February-2011	75.50%
S.S.C.	-	Children's Academy	Maharashtra State Board	March-2009	83.38%

## SKILL SET

- ❖ Programming Environments : JAVA,HTML5
- ❖ Operating Systems : Windows

## ACADEMIC PROJECTS

ACADEMIC PROJECTS	<b><u>BE PROJECT:</u></b>
	<p style="text-align: center;"><b>ROBOCAP</b></p> <p>Robocap is a system designed to overcome the requirement of a human security guard.It is an unarmed device consisting a camera, motion detector and sensors as main components to detect presence and record the complete actions of a trespasser efficiently.</p> <p>Existing system shows various flaws and an inefficiency in serving the actual purpose of design. The CCTV Cameras installed at stations, outside banks and various security threat regions are stationery. If the crime occurs within the range of the camera only then there are chances of recording but most of the cases criminal activity remains unseen by the camera. Here a need for smart capturing Robotic capture comes into picture. What if camera is capable to move an angle of 180 to 270 degrees with respect to the trespassers movement? Various sensors that can are available that can help trace the person's presence and track him along with his activity.</p> <p><b><u>MINI PROJECTS:</u></b></p> <p>(1) <b>Electronic gate keeper</b></p> <p>Description: The electronic gate keeper can do the job of a Gatekeeper and intimates you if someone passes through the gate. The alarm can be an AC bell or a Lamp. The alarm turns on for 1 minute and stops if the light barrier is restored again. This circuit is constructed using</p>

basic electronic components like resistor, transistors, capacitors, IC CA3140, diode 1N4007 and relay.

(2) **Intrusion detection system**

A frame work for an adaptive **intrusion detection system** using Bayesian network project is also called as IDS system which is developed to control malicious behaviour of packets that will effect network and its resources. There are many Parameters which are part of intrusion detection which have effect on network. In order to control unwanted packets decision making is important. In this project we explain about Bayesian network which is a modelling tool used to model decision related to problems. In this project we use this tool based on signature recognition. Main objective of BN model tool is to check signature of attacks with the existing signatures and compare to take decision.

## CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

Co-Curricular Activities: (1) Attended Microsoft's workshop On Windows 8  
(2)I have worked in **Technical Festival** and **Cultural Festival** of Atharva College which are **Techithon** and **Rhythm**

Additional Skills: Currently pursuing Digital Transformation Program at NIIT.

## PERSONAL DETAILS

❖ Date of Birth : 24/02/1993  
❖ Languages Known : English, Hindi, Gujarati, Marathi  
❖ Nationality : Indian  
❖ Religion : Hindu  
❖ Marital Status : Unmarried  
❖ Address : B-2 Flat no:25, Bachani Nagar CHS, Daftary Road, Malad(E), Mumbai-400097

## DECLARATION

I hereby declare that the particulars furnished above are correct.

Place : **Mumbai**

Date : **2017**

**DIVYAKUMAR JITENDRA PATEL**