



# Yashas Joshi

## Student

An undergraduate student currently pursuing his bachelor's degree in Electronics and Communication Engineering at VIT University, who is keen on applying academic foundations and practical experiences to get any task done without any futile justifications.

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📍 Vellore, India

## EDUCATION

### Electronics and Communication

VIT University, Vellore

06/2014 – 05/2018

8.60

#### Courses

- Minor in Electronics
- Specialization in game development
- Specialization in web development (on the way)
- Minor in Communication
- Specialization in game designing

## PERSONAL PROJECTS

### A 3D game called "FORAY"

- A multi platform game suitable for PC, Mac as well as Android devices
- Game engine used is Unity 3D
- Shortly, the game will be available on google play store.

### A game called "Tom and Jerry" Developed in core java

Several applications based on the Augmented Reality Technology are developed made using Unity3D and vuforia API

- Specifically developed for android platform but by tweaking some values and options, the application can be open to any platform you want.

## WORK EXPERIENCE

### Junior Designer

Atul Auto Pvt. Ltd.

06/2016 – 07/2016

An auto rickshaw manufacturing company located near the outskirts of Rajkot, Gujarat, India.

#### Tasks/Achievements

- Junior designer and group lead for a month

### Intern Developer

ProfitNX

06/2017 – 07/2017

Rajkot, India

ProfitNX is one of the leading software development companies of Gujarat, India.

#### Achievements/Tasks

- Developed an online shopping application for android called "HotDeals"

### Event Organizer

Resonance

02/2017 – 02/2017

Vellore, Tamil Nadu, India.

An event held during Riviera'17, an international cultural carnival at VIT University

## SKILLS

Unity 3D



C and C++



C#



Java



Html, Css and JavaScript



## RESEARCH

### Implementing an enhanced design of Wilkinson's power divider without harmonics

Simulation based research using HFSS and Microwave OfficeAWR

### Design of 80 Gbps Optical Submarine Network

Simulation based research using Optisim

### Redistribution delay and access control between RIP-OSPF and EIGRP-OSPF

Using Cisco Packet tracer, predicted output was obtained

### Interpolation of a real-time audio signal and adding sound effects to it

using Matlab

### Acoustic detection of rear approaching Vehicle

Using Matlab

## CERTIFICATES

### Specialization in Game Design and Development (5 Certificates)

Offered by Michigan State University, USA.

### Specialization in web development (6 Certificates) (02/2017 – 02/2017)

Offered by The Hong Kong University of Science and Technology, Hong Kong.

## LANGUAGES

English



Hindi



Gujarati

