

# Pradyumn Kumar Pottapatri

ner-aim.github.io | sid99.smiles@gmail.com | +91 891-901-8797 | bcs\_201722@iiitm.ac.in | GRE: 149V,169Q

## EDUCATION

### IIIT GWALIOR

B.TECH IN COMPUTER SCIENCE  
Expectec May 2021 | Gwalior, MP  
CGPA: 8.09/10

### SRI CHAITANYA JUNIOR KALASALA

TSBIE  
May 2017 | Hyderabad, TS  
State Board  
Percentage: 96%

## LINKS

Facebook:// [pottapatri](#)  
Github:// [ner-aim](#)  
LinkedIn:// [pottapatri](#)  
Steam:// [pottapatri](#)

## COURSEWORK

### UNDERGRADUATE

Game Theory  
Game Development (Coursera)  
Object Oriented Programming  
Analysis and Design of Algorithms  
Data Structures  
Discrete Mathematics + Graph Theory  
Computer Graphics  
Information Retrieval and Extraction  
Cloud Computing  
Machine Learning  
Artificial Intelligence  
Nature Inspired Computing  
Data Mining  
Operating Systems  
Database Management Systems

## SKILLS

### PROGRAMMING

- C/C++
- Python 3
- C#
- Javascript, HTML, CSS

### OPERATING SYSTEMS

- Windows
- Linux (Ubuntu, Arch)
- MacOS

### FAMILIAR

- SQL
- Maya
- OpenGL

## EXPERIENCE

### IIIT GWALIOR | RESEARCH INTERN

May 2019 - July 2019 | Gwalior, MP

- Developed an IoT based web portal with the help of NodeMCU and RFID technology by working in a team of 2.
- Achieved base-level security for the portal using the MD5 hashing algorithm in the database.

## PROJECTS

### ACADEMIC PROJECT: AUTOMATIC FACE RECOGNITION-BASED ATTENDANCE SYSTEM FOR TEACHING LARGE CLASSES.

(PYTHON | ONE-SHOT LEARNING)

Jan 2020 - April 2020

A real-time face detection system for capturing attendance of students in the class. Working in a team of 5 people to create the model.

### A TILE GAME: (UNITY3D | C#)

Jan 2020 - Feb 2020

Developed a platformer game with basic game play such as movement, jump, death, shoot and victory.

### COURSE PROJECTS: BOX SHOOTER, ROLLER MADNESS, TWIN MEMORIES, SUPER-SPARTY: (UNITY3D | C#)

Nov 2019 - Feb 2020

Developed two-level games (Box Shooter and Roller Madness) for the fulfillment of course of 'Introduction to Game Development.'

Developed a RPG-prototype using the assets from 'DevAssets' for the fulfillment of the course 'Principles of Game Design.'

Developed a platformer game for the fulfillment of course "Game Development for Modern Platform."

### RESEARCH PROJECT: A SMART COLLEGE ID CARD USING NODEMCU AND RFID READER: (HTML | CSS | PHP | ARDUINO | CRYPTOGRAPHY)

May 2019 - July 2019

Implemented a working model for scanning the student ID card using a MFRC522 RFID reader.

Upon login, the student can access various functions to use within the institute.

## LEADERSHIP AND AWARDS:

### PUBLIC RELATIONS AND SENIOR EXECUTIVE | STUDENT COUNCIL

Aug 2019 - Jan 2020

### 2ND RUNNER UP | HACKIN'CITY-INFOTSAV'19

Feb 2019

### WINNER-SHORT STORY | UTHAAN IIITM

Apr 2018

### WINNER-PICTIONARY | UTHAAN IIITM

Sep 2017

### BRONZE MEDALLIST | SOF-INTERNATIONAL MATHEMATICS OLYMPIAD

Mar 2017



**Atal Bihari Vajpayee**  
**Indian Institute of Information Technology & Management, Gwalior**  
(An Autonomous Institute of MHRD, Government of India)

**अटल बिहारी वाजपेयी**  
**भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर**  
(भारत सरकार, मानव विकास मंत्रालय का स्वायत्त संस्थान)

**Roll No.** : 2017BCS-022  
**Name** : POTTAPATRI P. KUMAR  
**Father's Name** : P. NAVEEN KUMAR  
**DOB** : 21/10/1999  
**Programme** : B.Tech.  
**Blood Group** : A+  
**Valid Upto** : 30/06/2021  
**Issued on** : 15/11/2017



*P. Kumar*  
**Registrar**

### **INSTRUCTION :**

**This card is issued for identification purpose & does not authorize the holder to represent the institute or commit the institute in any manner whatsoever.**

**This card is non transferable & must be surrendered immediately upon expiry of validity. In the event of loss of card, the holder must report to the institute immediately in writing. Finder may please handover/post the card to the institute on the address given.**

**Atal Bihari Vajpayee**  
**Indian Institute of Information Technology & Management, Gwalior**  
(An Autonomous Institute of MHRD, Government of India)  
Marana Link Road, Gwalior, Madhya Pradesh - 474015 India

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**भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर**  
(एन आर डी सरकार, भारत सरकार द्वारा प्रमाणित संस्थान)  
मराना लिंक रोड, ग्वालियर, मध्य प्रदेश - 474015 भारत



संस्थान का लोगो