

# Mayur Patil

Problem Solver . Innovator . Collaboration Enthusiast

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## EDUCATION

### **BE (Computer Engineering)** - *Pursuing.*

Shrama Sadhana Bombay Trust's College of Engineering and Technology. CGPA: 7.26/10

### **Diploma (Computer Engineering)**

Smt. Sharchchandrika Suresh Patil Institute of Technology.  
Percentage: 80.19

### **10<sup>th</sup> SSC**

Smita Patil Public School.  
Percentage: 77.6

## PROJECTS

### **1. A\* Path Finding Visualizer.** (*python*)

Personal Project.

A GUI build with pygame module to demonstrate the working of Artificial Intelligence pathfinding algorithm A\*.

### **2. Kissing Bug.** (*python, php, shell script*)

Collaborative Project. (Forks: 3)

Kissing Bug is a cyber security project with cracking and hacking functionalities in conjunction.

- Spying on the target using his\her smartphone selfie camera.
- A Keylogger that logs keys, records audio, takes screenshots at intervals, encrypts and sends them to the hacker's email.

### **3. Homomorphic Encryption.** (*python, Machine Learning*)

Collaborative Project.

Big data privacy using homomorphic encryption. Integration of machine learning cut the amount of work by 60% approximately.

Worked on a research paper:

<https://ieeexplore.ieee.org/document/7976775>

## SKILLS

**Language:** python, LaTeX.

**IT Constructs:** Data structures and algorithms, OOP.

**Tools:** Visual studio code, unity3D, pycharm, jupyter notebook.

**DB Language:** Sql.

## ACHIEVEMENTS

### **Hacktoberfest 2020:**

Recognized as one of the 70,000 open source developers by Intel, Digital Ocean, Dev and Github.