

# Ruturaj Mohite

Sophomore at IIIT Bangalore

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📍 Bangalore, India

🔗 <https://github.com/gr455>

in <https://www.linkedin.com/in/ruturaj-mohite>

## Education

Integrated Master of Technology

Computer Science and Engineering - International Institute of Information Technology, Bangalore - 3.79/4

📅 2019 - 2024 (Ongoing)

📍 Bangalore, India

Intermediate

DAV Public School - 94%

📅 2019

📍 Pune, India

## Projects

Secure Elections

📅 September 2020

🔗 [https://github.com/zense/sac\\_elections\\_2020](https://github.com/zense/sac_elections_2020)

Web portal to host secure elections. It maintains the anonymity of the voter from all the other voters and candidates. The data integrity is preserved through a cryptographic hash check which prevents the votes in the database from being altered while preserving anonymity of the vote.

Roles:

- Backend logic for the application flow
- Implementation of cryptographic system for data integrity
- Implementation of DevOps workflow for the app

Zense CTF

📅 June 2020

🔗 <https://github.com/gr455/zensectf>

A Jeopardy type Capture the Flag (CTF) containing challenges related to various domains of Information Security.

Roles:

- Creation of Web Security challenges
- Production server management

Gesture Mouse

📅 2019

🔗 <https://github.com/gr455/gesture-mouse>

An implementation of HAAR Cascade Classifier using the OpenCV module to control the mouse cursor with gestures.

Roles:

- Full implementation

## Skills

- Python, JavaScript, C++, Ruby
- Django
- NodeJS
- Docker
- Computer Networks
- Web Security

## Experience

PublicLab

Open Source Developer

📅 January 2020

<https://spectralworkbench.org>

- Migrated project to newer Rails version
- Fixed DevOps related bugs
- Improved test coverage

Circuitverse

Open Source Developer

📅 October 2020

<https://circuitverse.org>

- Worked on fixing simulator bugs
- Implemented features for simulator

## PORs

Core Member

Zense

📅 September 2020 – present

- Lead projects
- Co-organized events

Core Member

Zense Infosec

📅 May 2020 – present

- Participated in CTF competitions (World rank 235 on CTFtime)
- Co-organized a CTF Event