# Mukund Bhole

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## EDUCATION

### COLLEGE OF ENGINEERING PUNE

MTech in Information Security
Pune, IN
CGPA: 7.95

### RAJARAMBAPU INSTITUTE OF TECHNOLOGY

BTech in Information Technology
Grad JUNE 2019 | Sangli, IN
CGPA: 8.02

## LINKS

Github:// **mbhole1857**
LinkedIn:// **mukundbhole**

## COURSEWORK

### GRADUATE

Cryptography and Network Security
System Security and Analysis
Computer System Security
Machine Learning
Cloud Computing and Security
Blockchain Technology
Web Security
Digital Forensics and Data Recovery

### UNDERGRADUATE

Digital Systems and Micro controllers
Operating Systems
Computer Networks
Design and Analysis of Algorithms
System Programming
Database Management
Parallel Computing
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

- C/C++
- Java
- Python
- HTML/CSS
- Shell/PowerShell Script
- Javascript
- Assembly Language
- React JS
- PHP
- MySQL

## EXPERIENCE

### POSIT SOURCE TECHNOLOGIES | Software Engineering Intern

Jan 2019 - Jun 2019 | Pune, IN

- Full-stack web developer - Wrote and reviewed code for Automated Ledger Management in React JS and deployed the project
- Used Node JS,Jenkins,npm libraries, environment with Github build support

## PROJECTS

### OWASP SECURITY-TEA PROJECT | GSoC 2020

Contribution in The OWASP SecureTea Project provides a one-stop security solution for various devices (Personal Computers / Servers / IoT devices).

### P2P DATA TRANSFER USING BLOCKCHAIN (Docker|Node JS|Ganache-Cli)

Built a p2p network for data transfer on docker environment with ethereum smart contract governance with ganache-cli deployment support with react js appplication

### HASH ENCRYPTER/DECRYPTER(PYTHON)

Built an Tkinter applcation which encrypts in file content in to chosen encryption algorithm(SHA1,SHA224,SHA256,SHA512,MD5) and decrypt file using the HashBuster.

### LEDGER SYSTEM MANAGEMENT (REACT JS)

Web application for managing the expense,investment,deposits and share market investments in real time environment with multi-user capability for family.

### AUTOMATION IN VIRTUALIZATION(POWERSHELL) |TCS Inframind 2019

Automation in Virtualization using VSphere Client ,VMWare and automation is done using the PowerShell script with a Web inter face using PHP on Many Data Center

### CHAT-BOT FOR COMMUNITY PAGE ON FACEBOOK(PYTHON)

Built a chat-bot using IBM-Watson assistant and implemented this chat bot for Facebook Community Page for College website using NGROK web-hook and Node JS libraries.

### MOVIE RECOMMENDATION IN ML(PYTHON)

A Simple Script with Preprocessed data of Movie uses sklearn feature extraction and metrics library gives similar type of movies as output.

## RESEARCH

- Data Transfer using decentralized blockchain p2p network

## ACHIEVEMENTS

- 72nd Rank in Hackerearth CIPHER COMBAT(CTF) Competition-2020
- Qualified upto Round 3 in Google CodeJam-2017,2019
- Recipient of Google India Challenge Scholarship-2018
- AIR-4 in Robozest international robotics championship-2016