# Saif Ali

Software Engineer

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## EXPERIENCE

**MCAFEE ENTERPRISE** | SOFTWARE ENGINEER
**July 2018 – Current | Bengaluru, India**

➔ I work with various technologies like Powershell, python and Node.js to automate various manual tasks, create API frameworks, build micro services and REST API servers.

➔ As a part of the Product Development Services CDA and EDE Team I develop and maintain features for testing environments built for product teams to run large-scale scalability and other tests.

➔ Worked on building windows services, node express API servers, Django websites and Django Rest Framework servers, creating and maintaining powershell, python scripts, developing a testing automation framework to run over the environments we provide.

➔ Improved the Production infrastructure by setting up a secure deployment process for upgrades, doing code reviews, setting up staging environments and in parallel creating and improving the micro services which form a part of the entire Application Architecture.

➔ Implemented crucial services like Auth Services, Configuration Management and created applications to get better insights into huge amounts of data collected from our test environments.

**MCAFEE** | TECHNICAL INTERN
**January 2018 - July 2018 | Bengaluru, India**

➔ Worked on various components of major project which included developing POCs and upgrading the web interface.

➔ During this period, I extensively worked with Django for a web interface, VMWare's WebCommander and Splunk, a machine-data analysis tool.

## PROJECTS

➔ Created a decentralized network of Users who can share their Personally Identifialble Information securely with other users and to make sure that the data shared is valid and true. This network is a **decentralized permission-ed blockchain** built using the Hyperledger Composer tool.

➔ Created a functional **File Tracking system** to be used in inter-departmental scenarios using a Raspberry Pi and RFID scanners and cards to track the flow of files and documents through multiple departments and track its status and location.

➔ Created an **Encryption/Decryption toolkit** software to encode and decode messages, files and folders (including audio and video) using Python and Cipher Block Chaining Algorithm. The GUI was developed using the Tkinter and ttk framework of python.

## ABOUT

**A Professional of the Software Industry with interests in Computer Security, upcoming technologies, and creating and leading the best possible solutions to real world problems while helping people and businesses alike in the process.**

## SKILLS

### PROGRAMMING

**Experienced:**
Powershell • Node • Python
Groovy • HTML
JavaScript

**Familiar:**
Java • Batch and Shell scripts

### LIBRARIES/FRAMEWORKS

Django • Node.js • Express
JWT • DjangoRestFramework

### TOOLS/PLATFORMS

Git • Jira • Confluence
GCP/AWS • Automation
Photoshop • VMWare

### SOFT SKILLS/INTERESTS

Teaching • Public Speaking •
MotorBiking • Football

## EDUCATION

**SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING**
BACHELOR OF ENGINEERING
**April 2014 - 2018 | Mysore, KA**
Department of Computer Science and Engineering
**Cum. GPA: 9.17 / 10.0**

**DON BOSCO SCHOOL**
BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING
**2002 - 2014 | Kolkata, WB**
**10th Standard : 94.6%**
**12th Standard : 95.25%**