

# N R SHYAMSUNDAR IYANGER

Python Developer

## CONTACT

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## EDUCATION

### SDM Institute Of technology Computer Science Engineering

2019 - Present

CGPA - 8.09

### Shaantinikethan PU college PCMCs

2017-2019

Percentage - 91.3%

### JSS English Medium high school SSLC

2016-2017

Percentage - 92%

## SKILLS

Rust

Python

C++

C Language

Shell Scripting

HTML/CSS

## ABOUT

A budding programmer aiming specialisation in systems programming, open source enthusiast with sound knowledge in linux system management. currently invested in python development and advanced shell scripting.

## PROJECTS

### Personal Diary

#### Sharingan

A Personal journal keeper written in rust for text based user interfaces.

Libraries used :

tui-rs for TUI management

chrono for time and date management

unicode-segmentation for working with unicode glyphs

### HashMap Simulator

#### Vigilant Train

A simulator which simulates linear probing and it's working for various operations on a HashMap object written in c++.

Libraries used :

OpenGL for rendering the simulation animation

GLUT for window management

### Steganography

#### Image Encryptor

A GUI and TUI project embed messages into PNG images and then retrieve them  
GUI version uses rofi as GUI front end

Libraries used :

sys for handling command line arguments parsing and system calls

PIL for handling image manipulation

numpy for handling message embedding

## ACCOMPLISHMENTS

Participated and secured second place in Night-out coding at Insignia 2k20 and built an archive manager in c with zero dependencies.

Participated in AccelATHON 3.0 held at NCET, bengaluru, contributed in developing a prototype for market analysis.