

# Raynal D'cunha

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I'm a passionate learner who's always willing to learn and work across technologies and domains. I've picked up quite a few skills during self teaching myself and aim to improve these skills everyday. I'm currently into **Java** and Web Development and working on my Data Structures and Algorithms. I believe in creating clean and efficient applications that are scalable and efficient under the hood.

➤ **Date of Birth:** 10th September, 1996

➤ **Address:** Kalina, Mumbai, Maharashtra, Pin Code: 400098

➤ **Age:** 24 years

➤ **Languages Known:** English, Hindi, Marathi, Konkani

## Education

### Don Bosco Institute of Technology, Mumbai University

Bachelor of Computer Engineering (B.E.)

Mumbai

June 2014 - July 2019

Coursework: Data Structures and Algorithms, Database Management System, Machine Learning, Web Development, Computer Vision, Security and Cryptography, Networking.

Score: 6.03 CGPA

### St. Mary's Junior College, Kalina, Santacruz East

H.S.C Maharashtra State Board

Percentage: 62.77 %

Mumbai

February 2014

### St. Mary's High School, Kalina, Santacruz East

S.S.C Maharashtra State Board

Percentage: 82.36 %

Mumbai

March 2012

## Project

### NotePad (RightText)

TECH STACK: Java, Java Swing, JavaFX (Webview)

- ❖ A traditional NotePad containing all of Windows NotePad features along with some extra features implemented. JavaFx is used within the Swing component to display a webpage within the help section using Webview.

### Nested TicTacToe

TECH STACK: Java, Java Swing

- ❖ A TicTacToe game. It opens a Nested Window with a new game for each move made. The scores of each player is counted, incremented and stored accordingly. The player has a choice to play against the CPU or Player 2.

### Personal Portfolio Website

TECH STACK: HTML5, CSS3, Vanilla JavaScript, Github Pages

- ❖ Personal Portfolio Website created using HTML, CSS and Vanilla JavaScript. Hosted via GitHub Pages.

### Remote Desktop Manager (ControlWiz)

TECH STACK: Java, Java RMI, Java Swing

- ❖ A Java Application made on Java Swing using RMI (Remote Method Invocation) to Connect two Machines via the network , one being the Server and the other being the Client.

### File Explorer

TECH STACK: Java, Java Swing, JTree, JTable, Regex

- ❖ A File Manager which displays all your system files and allows you to rename, delete and edit those files. Created in Java Swing. JTree is used to display the file hierarchy of the system. Regex is used to determine the presence of special characters in the file name.

### Clock Application

TECH STACK: Java, Java Swing, JTable

- ❖ A Clock Desktop Application using Java Swing containing tabs for Digital & Analog Clock, Calendar, StopWatch and a Countdown Timer. Analog Clock is created using Paint (Graphics), Calendar is created using JTable , StopWatch and Timer are created by calculating time using System.currentTimeMillis()

### File Transfer

TECH STACK: Java, Java RMI, Java Swing

- ❖ File Transfer Program via Java Socket Programming to transfer files between machines.

### Online Test System, Picture Puzzle, Scientific Calculator

TECH STACK: Java, Java Swing

## Skills

**Languages** Core Java, JavaScript, Python, Web Development (HTML, CSS, Bootstrap)

**Databases** Oracle PL/SQL, MySQL

**Tools** Git, GitHub, Eclipse, Oracle Cloud, MySQL WorkBench, Oracle SQL Developer