

Aarya Sarfare

+917400162972 | aarya.work005@gmail.com | Mumbai, MH | github.com/aarya095 |

linkedin.com/in/aarya-sarfare/ | aarya095.github.io/aarya.github.io/

EDUCATION

Atharva College Of Engineering

Mumbai, Maharashtra

Bachelor Of Engineering in Information Technology

Expected Graduation, May 2027

Related Coursework: Software Engineering, Computer Security, Programming Paradigms, Computer Architecture

PROJECTS

- **Password Generator**
 - Developed a Command-Line Interface (CLI) Password Generator using Python scripting and core libraries (random, string) to enforce modern security standards.
 - Achieving the ability to generate cryptographically strong, customizable passwords (8-32 characters) while reinforcing fundamental defensive security and input validation principles.
- **Hangman**
 - Developed a **Command-Line Interface (CLI) Hangman Game** using **Python** to manage game logic, word selection, and user input validation.
 - Achieving proficiency in key **data structures** (lists, sets) and **algorithm design** for letter tracking and state management.
- **Rock Paper Scissor**
 - Developed a continuous **Command-Line Interface (CLI) Game** of Rock-Paper-Scissors using **Python** to implement core **game loop** logic, user input handling, and **conditional flow control**.
 - Successfully demonstrating proficiency in basic Python **scripting** and randomized decision-making.

SKILLS

- Programming Languages: Python, SQL
- Tools: Github, Visual Studio Code
- Platforms: Linux, Windows
- Languages: English, Hindi, Marathi

ACTIVITIES

- **Sunshine CTF Competition**
 - Organized by the Hack@UCF, gaining hands-on experience in web security, cryptography, and reverse engineering challenges (September 2025).
- **IDEATHON'25**
 - Organized by E-Cell RGIT, gaining experience in pitching an idea business (March 2025).
- **Leadership Conclave**
 - MUN Competition organized by I&E-Cell ACE, gaining experience in putting forth one's point, networking and contributing to make the final draft of the conference (April 2025).