

Dhrumit Savaliya

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EDUCATION

California State University Long Beach, CA

- Bachelor of Computer Science • **GPA: 3.471** • Expected Graduation: **Dec 2026**
- **Coursework:** Data Structures, Algorithms, Object-oriented programming design, computer architecture and multiple programming languages. Web development with modern technologies.
- **Certification:** President's list, California State University, Long Beach • **Spring 2023**

EXPERIENCE

β-Hub Technology, India • Part-time • Sep 2021 - Dec 2021 • 4 mos.

- Collaborated effectively with a team of developers to create and maintain websites, contributing to the development of user-friendly and responsive web applications.
- Demonstrated a commitment to continuous learning by acquiring proficiency in **HTML**, **CSS**, and **JavaScript** while working towards becoming adept in **React** and **Node.js**.
- Actively engaged in the process of learning **MongoDB** for database management, showing dedication to expanding my skill set and staying current with emerging technologies.
- Participated in database optimization efforts, focusing on foundational database concepts and methodologies.

SKILLS

- **Programming Language:** Python, C++, Java, MySQL, HTML/CSS, JavaScript/Typescript
- **Frameworks:** React JS, Node JS, MongoDB, Express
- **Tools:** Google Cloud, Git, GitHub, Visual Studio Code, Microsoft Office Suite, Adobe Cloud
- **Soft skills:** Exceptional written and oral communication abilities, a collaborative team member with outstanding time management proficiency.

PROJECTS

Bookstore - <https://github.com/Dhrumit26/BookStore.git>

- 1) Created a Python program featuring a user-friendly menu system that shows a math operation calculator, an efficient bookstore system for catalog and cart management, and a palindrome tester.
- 2) Pioneered mathematical expression evaluation, skillfully handling variables with precision and conducting result calculations while ensuring expression validation and dynamic variable substitution.
- 3) Orchestrated the catalog and cart management for books, enabling seamless loading, addition, and removal of items. Implemented advanced book search options and identified top-selling products.
- 4) Streamlined the interface for intuitive feature selection within a single, command-line application.

Pokémon Game - <https://github.com/Dhrumit26/Pokemon-python-game>

- 1) Spearheaded the development of a Python-based Pokémon battle simulation program.
- 2) Empowered users with the choice of their starter Pokémon (Charmander, Squirtle, or Bulbasaur) for immersive, strategy-packed battles.
- 3) Developed a dynamic turn-based battle system, allowing players to strategically select attack types and execute specific moves.
- 4) Meticulously tracked health points (HP) for both user and gym leader's Pokémon, determining the ultimate victor. Exhibited profound Python programming and game development prowess, delivering nostalgia for Pokémon enthusiasts.

Monster Trial Game - <https://github.com/Dhrumit26/Monster-Trial-Game.git>

- Designed an immersive gaming experience where players must confront and conquer three formidable monsters across three arduous trials to claim victory in this text-based adventure game. Features:
- 1) Choose your hero's name and difficulty level (Beginner or Expert).
- 2) Engage in strategic battles with randomly generated monsters using melee and ranged attacks.
- 3) Secure victory by vanquishing all three monsters or face defeat if your hero's HP depletes to zero.

Escape Room - <https://github.com/Dhrumit26/Escape-room.git>

- 1) Created a Python-powered text-based Escape Room game, delivering an exhilarating and brain-teasing experience.
- 2) Unlock three distinct doors, each presenting unique challenges and requiring interactive problem-solving.
- 3) Incorporated interactive door descriptions, user choices, and clues.
- 4) Triumph over adversity by successfully unlocking doors and achieving escape. Showcasing exceptional Python programming skills and game design acumen.

MyWebsite - <https://dhrumit26.github.io/MyWebsite/>

- 1) Created and built a personal portfolio website to display web development and design skills, professional background, projects, and experiences.
- 2) Made sure the website works well on different devices by designing it to adjust automatically, ensuring it's easy to use.
- 3) Added links to LinkedIn and GitHub profiles for quick access to my online presence, making it easy for others to connect and see my work in web development and design.

Volunteer

Developer Students – GDSC • Outreach Lead

- Forged university partnerships, boosting engagement. Drove inclusive marketing for GDSC's growth.
- Led impactful community projects and skill development.