

Chandrupatla Sai Varun

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-  [GitHub.com/saivarun0007](#)
-  [Sai-Varun/Portfolio](#)

Profile

I'm Chandrupatla Sai Varun, a passionate **Full-Stack Python Developer** eager to build **innovative and efficient web applications**. With a strong foundation in **Python, Django, front-end technologies (HTML, CSS, JavaScript, Angular), and databases (MySQL, MongoDB)**, I aim to develop scalable and user-friendly solutions. My commitment to **continuous learning and problem-solving** drives me to create impactful digital transformations that enhance business operations and user experiences.

Skills

Programming Language :

- Python

Libraries :

- NumPy
- Pandas
- Matplotlib

DBMS :

- MySQL
- MongoDB

Tools :

- Git & GitHub

Familiarity :

- Pytest
- Docker
- Front-end technologies
- Power BI

Languages

- English
- Telugu
- Hindi

Hobbies

- Reading Books
- Playing Cricket
- Cooking

Education

B.Tech (Bachelor of Technology) : Mechanical Engineering

St. Martins Engineering College
2020 – 2023 | Kompally - Hyderabad, India
GPA: 6.56

Diploma : Diploma in Production Engineering (DPE)

Central Institute of Tool Design
2016 – 2020 | Bala Nagar - Hyderabad, India
GPA: 60.0

Secondary School Certificate

2015 – 2016 | I.D.P.L - Hyderabad, India
GPA: 7.8

Training

Naresh i Technologies

Certification in Full-Stack Python Developer
Nov 2023 – Mar 2024 | Hyderabad, India

Internship

Gautham IT Solutions

October 2024 – March 2025 | Hyderabad, India

Nacre Software Services Pvt. Ltd

June 2024 – September 2024 | Hyderabad, India

Projects

Super Contra

Technologies Used: Python, Pygame, CSV

- Developed a 2D side-scrolling shooting game using Pygame, enhancing player engagement with smooth gameplay mechanics.
- Implemented a realistic physics engine with gravity, collision detection, and AI-controlled enemies for an immersive experience.
- Designed a multi-level gaming environment with dynamic backgrounds, obstacles, and interactive elements.
- Integrated sound effects and background music to enhance the gaming experience.
- Developed intuitive controls for player movement, jumping, shooting, and grenade mechanics.
- Implemented a level progression system, including enemy AI behavior and difficulty scaling.

Portfolio

Technologies Used: HTML, CSS, Bootstrap, JavaScript

- Developed an interactive Portfolio showcasing skills, projects, and experience.
- Designed a user-friendly interface with a book-style page transition effect.
- Implemented JavaScript-based navigation for smooth animations and transitions.
- Integrated downloadable resume and project files for user engagement.
- Ensured a responsive and visually appealing design for seamless accessibility.

Bus Reservation System

Technologies Used: Django, HTML, CSS, SQLite

- Developed a web-based Bus Reservation System using Django for seamless ticket booking.
- Designed a user-friendly interface with HTML and CSS templates for a smooth booking experience.
- Implemented a robust database model to manage buses, routes, users, and reservations efficiently.
- Integrated an intuitive seat booking system with availability checks.
- Designed a secure authentication system for user login and registration.
- Developed a Django admin panel for managing bus schedules, bookings, and user data.