

# RAVI ALURI

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## PROFESSIONAL SUMMARY

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Highly motivated and passionate software developer with strong problem-solving skills and a keen interest in game development and full-stack development. Proficient in Python, Java, and web technologies with hands-on experience in building interactive applications. Adept at leading projects, collaborating with teams, and continuously improving technical knowledge. Enthusiastic about creating innovative solutions and eager to contribute to challenging software development roles.

## EDUCATION

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**Bachelor of Technology (BTech)**, VIT-AP University 2022 - 2026  
CGPA: 8.69

**Intermediate (MPC)**, Sri Chaitanya Junior College 2020 - 2022  
Percentage: 96%

**SSC (10th Grade)**, Vivekananda Vidya Vihar High School, Repalle 2020  
Percentage: 99%

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, Java
<b>Web Technologies</b>	HTML, CSS, JavaScript
<b>Databases</b>	SQL
<b>Other Skills</b>	Data Structures and Algorithms, Problem Solving, Communication, Leadership

## PROJECTS

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**Game Hub - A Multi-Game Console:** A Python-based interactive platform that brings multiple mini-games together in one place.

- Games Included:
  - Rock Paper Scissors
  - Guess the Number
  - General Knowledge Quiz
  - Hangman

**Snake Game:** A classic snake game developed using Python and Pygame, featuring interactive gameplay and a wrap-around screen mechanic.

- Objective: Control a snake to eat food and grow in length while avoiding self-collision.
- Gameplay Mechanics:
  - Snake movement is controlled using arrow keys.
  - The snake wraps around the screen edges.
  - Eating food increases the snake's length and score.

**BMI Calculator:** A Python-based application that calculates the Body Mass Index (BMI) based on user inputs.

- Takes height and weight as input and categorizes the user as underweight, normal, or overweight.