

CHILAKALAPUDI SAI VENKATA GANESH

Game Developer

Portfolio : <https://svganeshch.github.io>



svganesh.chilakalapudi@gmail.com



+91 8332822106

SUMMARY

Passionate programmer with a strong foundation in game development and software engineering. Skilled in leading teams, and managing end-to-end software development processes. Proficient in multiple programming languages and experienced in backend and front-end development, CI pipelines, and game mechanics.

PROJECTS

Kaine - Souls like combat game

- Developed weapon based combat mechanics (attack, block, dodge) with a third-person character controller.
- Implemented runtime weapon animation swapping using animator override controllers.
- Designed a state machine for managing character behavior and transitions.
- Built enemy AI using object-oriented programming principles.
- Led a development team, ensuring gameplay aligned with project goals.

The Sun - 2D

- Designed fast-paced gameplay with escalating difficulty.
- Implemented a unique throw-and-recall weapon mechanic and enemy AI with progressive difficulty scaling.
- Created a simple user-friendly UI and HUD to enhance player experience.

ArrowOS - Founder | Aftermarket AndroidOS | <https://github.com/ArrowOS>

- Founded and developed a high-performance, bug-free Android OS used across multiple devices.
- Managed full-stack development, CI pipeline setup, and backend infrastructure.
- Led code reviews and assisted developers in coding, debugging, and troubleshooting, fostering a collaborative development environment.

Additional Projects On Portfolio : [Game projects](#)

EDUCATION

ICAT Design and Media College

2021 - 2025

BSc Hons (JNAFAU)

Computer Science and Game Development

- Cumulative GPA: 8.0

ADDITIONAL INFORMATION

Technical Skills:

- **Game Development:** Unity (*Proficient*), Unreal Engine (*Novice*)
- **Programming:** C#, C++, Java, Python, Bash scripting
- **Web Development:** PHP, HTML, JavaScript, MySQL
- **Web Technologies:** Apache
- **CI/CD Tools:** Git, Jenkins, Gerrit
- **Soft Skills:** Leadership, Project Management, Quick Learner

Languages: English, Hindi, Telugu