CHILAKALAPUDI SAI VENKATA GANESH

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SUMMARY

Experienced in game programming, backend systems, and Unity development. Passionate about designing efficient applications and immersive gameplay experiences. Skilled in crafting robust game mechanics and system designs.

EXPERIENCE

TheSundayGames | Unity Game Developer   *Jan 2025 - Present*

- Developing hyper casual mobile games with a focus on Match-3, Sorting, and other satisfying mechanics.
- Designing and working on engaging ad creatives to enhance user acquisition and retention.

PROJECTS

ArrowOS | Founder & Lead Developer | github.com/ArrowOS   *2018 - 2022*

- Developed a performance optimized Android OS firmware used across multiple devices.
- Managed full-stack development, CI pipeline setup, and backend infrastructure.
- Built a Web application interface bridge to pass build parameter to Jenkins CI Pipeline.
- Developed a secure download server for controlled file distribution, utilizing expiration-based access tokens and a centralized database to manage multiple mirrors efficiently.
- Led code reviews, debugging, and developer mentoring, fostering a strong team environment.

Kaine - Souls like combat game 🔗

- Developed weapon based combat mechanics (attack, block, dodge) with third-person character controls.
- Implemented runtime weapon animation swapping using animator override controllers.
- Designed a state machine for managing character behavior and transitions.
- Led a development team to ensure gameplay aligned with project goals.

Boxed Up - Mobile

- Implemented Grid Based Dynamic Level Generation to create unique gameplay experiences for each session.
- Utilized DoTween for smooth animations and seamless transitions, enhancing visual appeal and responsiveness.

Additional Projects On Portfolio : svganeshch.github.io

EDUCATION

ICAT Design and Media College   *2021 - 2025*
Bachelors in Computer Science & Game Development   *GPA - 8.0*

TECHNICAL SKILLS

Game Development: Unity *(Proficient)*, Unreal Engine *(Novice), State Machines, Game System Designs*
Programming: C#, C++, Java, Bash scripting

Web Development: PHP, HTML, JavaScript, MySQL, Apache

CI/CD & Version Control: Jenkins, GitHub, Gerrit
Soft Skills: Leadership, Project Management, Quick Learner