Akarsh G Shankar, B.Tech

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Education

JSS Academy of Technical Education, Bengaluru
B.E.

Nehru Smaraka Vidyalaya, Bengaluru
PCMB – CBSE

National Hill View Public School, Bengaluru
Secondary Education – CBSE

Technical Skills

- **Languages:** Python, Java, C#
- **Web:** HTML, CSS, basic JavaScript
- **Version Control:** Git, GitHub, Unity Version Control
- **Tools:** Visual Studio, VS Code, IntelliJ IDEA, Unity

Experience

Unity Game Development
Created 2D assets, maps, particle effects, and gameplay systems such as timers and level progression. Used AI tools to assist with asset generation and logic coding.
Unity, Blender, VS Code

Cybersecurity Tool Development
Developing a web vulnerability scanner and browser extension for real-time security checks.
Python, Burp Suite

Data Visualization
Analyzed datasets (HR, Amazon reviews, student performance). Built visual dashboards with pie, bar, and lollipop charts.
Tableau, Excel

Projects

Automated Vulnerability Scanner
Built a lightweight scanning tool to help small businesses detect common website vulnerabilities.

JSS Hero Quest – 2D RPG Game
Designed and developed a 2D RPG in Unity featuring AI-driven boss behavior, fluid animations, and visual effects. Built custom maps and implemented responsive player movement mechanics.