

# Shivam Singhal

📍 India

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🌐 in/shivams2022

🌐 www.officialshivam.in/

## SUMMARY

**Software and technology enthusiast** with a passion for enhancing advanced computer proficiency. Seeking management experience to upskill and broaden professional expertise.

## EDUCATION

### Bachelor of Computer Science and Engineering

Minor in Gaming Technology • Vellore Institute of Technology • Bhopal, Madhya Pradesh • 2024 • 9.03

## CERTIFICATIONS

### Google UI/UX Professional Certificate

Coursera

- Certified in **fundamental and advanced UI/UX design principles**, including **user-centered design**, **prototyping**, and **usability testing**.

### Oracle Java SE11

Oracle Academy

- Certified Java SE 11 Practitioner.

## SKILLS

Data Structures and Algorithms, Java SE11, C#, Unity-3D, Blender, Adobe Photoshop, Visual-Effects, Animations, Level-Design, Game Programming, 2D - Games, 3D-Games, Environment Design, Scripting, Post Processing, Audio, Game Development, Multi-Platform Games, WebGL, Android, IOS, PC, Nintendo Switch,

## EXPERIENCE

### Software Engineer

Pine Labs

February 2024 -December 2024, Noida, India

- Integrated APIs for 5+ major banks to enable UPI and Pay-by-Points transaction on Pine Labs POS, expanding payment support for partners.
- Integrating new business developments in order to meet merchant's requirements.

## PROJECTS

### UPI Bank Simulator

Pine Labs, • \*Can Not Disclose Project Links\*, •February 2024 - December 2024

- Developed a **UPI bank simulator** to mock back-end logic for multiple banks, streamlining integration testing before production.
- Uses Spring-Boot in Dockerised Environment along with sever other security layers.

### 2D Mobile / Web RTS Game

Gwalior,India, • <https://www.officialshivam.in/game-dev/> •January 2025 - March 2025

- Created a 2D mobile RTS game featuring towers, enemies, heroes, and builders, with real-time combat and construction mechanics.
- Deployed as WebGL and mobile build; supports 50+ active units and smooth gameplay on mid-range devices.

### Tower Defense 3D Mobile

Gwalior, India • \*Ongoing\*, • March 2025 - Current

- Developing a 3D mobile tower defense game with interactive tower placement, hero movement, and dynamic enemy waves.
- Features real-time strategy elements and optimized performance for mobile and WebGL platforms.
- Implemented polished visual effects, animations, and post-processing to enhance gameplay experience and visual fidelity across devices.

## INVOLVEMENT

**Member**, Yes+ Organization • January 2020 - May 2020

- Delivered public awareness sessions on drug prevention to 200+ people in rural communities, fostering a safer and healthier environment.