Garvit Kansal

FullStack Developer || Competitive Programmer || Game Developer

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Portfolio Site
Linkedin || Github

EXPERIENCE

Elixar Systems, NCERT campus — *Unity AR Developer*

DEC 2019 - JAN 2020

Developed variegated interactive **AR simulations** for **NCERT** using **Unity, Vuforia and Blender** for science textbooks.
Devised the launch of the **NCERT ePathshala AR app** on google playstore under **Digital India initiative**.
[Internship Letter || Simulations Showcase || NCERT ePathShala AR app]

PROJECTS

Cri De Eco — *2D top-down shooter for windows*

Published a PC Game utilizing **GameMaker Studio, Photoshop, Bfxr**.
Features **eight levels with character upgradation, action-packed story, original soundtrack** and a **points-based highscore** system.
Has been **downloaded over 2000 times** since release.
[Game || Github]

Helewcial — *Social media website*

Deployed a website with **multi-user backend support, user authorization and authentication** based on a **NoSQL database**.
Utilizes **NodeJS, Express, Mongoose, Passport, Google Oauth2.0** and **Materialize css** to allow users to **read, write, edit and delete posts** made by them and to view and **write comments** on others.
[Heroku Deployment || Github]

Sketchewrer3 — *Collaborative browser-based drawing app*

Deployed a webapp incorporating **multi-user backend support**.
Utilizes **NodeJS, Express, Socket.io** allowing users to convey their ideas to their teammates sharing the same canvas in a **pictorial real-time manner** to promote a seamless workflow.
[Heroku Deployment || Github]

Psych Ape — *2D top-down adventure mystery for windows*

Published a PC Game utilizing **GameMaker Studio, Photoshop, Bfxr**.
Features **five puzzling levels** with **character-driven story, multiple endings** and **original soundtrack**.
Receiver of **multiple awards and critical acclaim** upon release.
[Game || Github]

SKILLS

Graphic Designing
Echo, IEEE Editorial

Competitive Programming
Codechef rating [4 Star]
Codeforces rating [Expert]
- Main Account
- Alternate Account

Problem Setting
Compiler Error
Codeforces mashups
- Example 1
- Example 2

Game Development
Gamejolt
- 2100+ total game downloads

Itchio
- 1600+ total game views

FullStack Development

EDUCATION

Delhi Technological University   2023
Computer Engineering
9.3 cgpa

Amity International School   2019
12th: 93.6 %
10th: 10 cgpa

ROLE OF RESPONSIBILITY

SIG/Student Mentor
IEEE DTU
Taught several classes consisting of over 150 students about various DSA and Game Development related topics.