Garvit Kansal

Flutter Developer || FullStack Developer || 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]

Vihaan — *Website for Vihaan, an IEEE DTU hackathon*

Published a website using **Flutter web** and **Firebase** for Vihaan, the largest hackathon conducted by IEEE DTU, along with a **team of 6 contributors.**
Played a vital role as an **organizer** in **managing**, **debugging**, **testing** and **developing** the website to be used by **1100+ participants**.
[Site Deployment || Github]

Gitstalkewrer3 — *Webapp to search up on github users*

Deployed a webapp incorporating **user authentication and authorization** and **github API**. Utilizes **ReactJS, NodeJS, Fusion Charts, Auth0, Styled Components** and **React Router DOM** allowing clients to find information about their chosen github user in the form of beautiful charts.
[Netlify Deployment || Github]

Agro App — *A One Stop App for Farmers*

Developed an **Android App** incorporating **user authentication and authorization**, **marketplace**, **crop disease and cure prediction**, **crop yield estimate**, **live news** and **weather**.
Utilizes **Flutter**, **Firebase**, **Flask**, **NodeJS**, **TensorFlow lite** and the **Teachable Machine** that helps provide farmers with an extensive app to fulfill all of their commercial, farming and social needs.
[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
Flutter 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.

ACHIEVEMENTS

Best Performing IEEE Team
Vihaan 4.0
Was awarded the "Best Performing IEEE Team" among 100+ candidates for "Agro App" made by me and my team.