

# ANUBHAV SINGH

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## EDUCATION

### Dayananda Sagar University

B.Tech, Computer Science and Engineering: CGPA: 8.36

Bengaluru, Karnataka

July 2022 - Present

### Kendriya Vidyalaya Sangathan

Senior Secondary , C.B.S.E Board: 82.4%

Prayagraj, Uttar Pradesh

2022

Secondary, C.B.S.E Board: 81.8%

2020

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## TECHINICAL SKILLS

**Languages:** JAVA, C/C++, SQL, JavaScript, Python

**Web Technologies:** HTML5, CSS3, Node.js, Express.js, React.js, Django

**Platforms And Tools:** Visual Studio Code, Android Studio, Jupyter Notebook, Github, Postman

**Databases:** MySQL, MongoDB

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## PROJECTS

### Agro-Connect | [Github](#)

ReactJS, NodeJS, MongoDB, ExpressJS.

- Engineered a full-stack web app designed to facilitate **direct transactions between farmers and consumers**, projected to reduce middleman dependency by **up to 60%**.
- Developed a **100% responsive frontend** using React.js, with internal testing showing **20% faster load times** compared to baseline templates.
- Implemented real-time product listing and Responsive data updates, reducing simulated inventory lag by **90% in test scenarios**.
- Secured and optimized backend performance using Node.js and MongoDB, stress-tested for **concurrent users with 99.9% uptime simulation**.
- Outlined to promote **fair pricing and transparency**, with expected improvement of **15–20% in farmer profits** based on model assumptions and user feedback surveys.

### Childhood Games | [Github](#)

HTML, CSS, JavaScript, NodeJS, ExpressJS

A nostalgic gaming web platform that brings back memories through classic childhood games.

- Created a nostalgic gaming platform responsive UI using HTML and CSS with projected **200+ user capacity**, featuring interactive versions of Tic Tac Toe and Rock-Paper-Scissors.
- Built backend logic and basic session handling with Node.js, ensuring **stable multiplayer gameplay** during functional testing.
- Curated and tested a **web responsive UI**, Demonstrated that **30% longer average session durations** during demo trials.

### Android Mobile Applications:

#### Quiz App | [Github](#)

JAVA, XML

Crafted a Responsive multiple-choice quiz interface with real-time score display; validated with **sample users achieving 95% success rate** in score accuracy and smooth navigation.

#### To-Do List App | [Github](#)

JAVA, XML

Developed a clean task manager supporting **CRUD operations**; in usability testing, users completed tasks **40% faster** than with paper-based checklists.

#### Weather App | [Github](#)

JAVA, XML

Integrated a real-time weather API showing accurate data for **100+ Indian locations** in test runs, with fully responsive UI and mock-location switching.

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## CERTIFICATE

- Python Programming (June 2025)– GUVI (IIT-M Incubated) | [PDF](#)  
Completed application-focused course including data structures, functions, file operations, and basic automation scripts using Python.
- Certified in Linux Programming, Bash Scripting & Shell Scripting - Infosys Springboard | [PDF](#)  
Earned certification in Linux environment setup, file system navigation, permissions, and automation using Bash/Shell scripting.