

Ganesh Kasture

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Skills

- Java | Python | JavaScript | TypeScript | C# | C++ | C | React | Next-JS | React-Native | Expo | Flutter | Node | MYSQL | Express | Tailwind | AI
- Godot | Unity 2D | Unit Testing | OOP | Game Development | CI/CD | Firebase | AWS | Cloud Computing | Appwrite | Shadcn | NoSQL | API
- ML | Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi, Marathi – All professional proficiency or above

Projects

MoneyX

01/2025

- Built a trading platform using **React Native** (TypeScript) and **Node.js** for real-time market analysis and strategy sharing.
 - Implemented secure **JWT authentication**, push notifications, and dynamic dark/light themes with React Context **API**.
 - Created admin dashboard using **AdminJS** for content management, handling 100+ daily trading tips with **MongoDB** aggregation.
 - Integrated real-time updates using WebSockets and push notifications for instant market alerts
 - Visit the [MoneyX](#) GitHub repository to explore the code behind this real-time market analysis and strategy-sharing platform.
- See how we've implemented secure authentication, live market alerts, and an admin dashboard with modern technologies.

Monogram

12/2024

- A social media app built with **Flutter** and **Firebase**, designed exclusively for tech enthusiasts to share ideas and collaborate on Projects
- Implemented Firebase Authentication for secure user login and **Firebase Database** for real-time data storage and retrieval.
- Utilized **Cubit** for state management, enhancing app performance and maintainability.
- Gained hands-on experience with Firebase widgets, **Stateful** and **Stateless widgets**, and explored **Dart** extensively through documentation.
- Check out [Monogram](#) on GitHub to see how this app empowers tech enthusiasts to connect, collaborate, and share ideas seamlessly.

Retro Runner

07/2024

- A 2D platformer game developed with **Godot**, offering an easy-to-pick-up-and-play experience reminiscent of classic Mario games. The game features engaging platforming mechanics, vibrant pixel art, and a series of challenging levels.
- Players navigate through colorful, retro-themed worlds filled with obstacles, power-ups created with the Godot Tile Maps.
- Leveraged Godot's powerful nodes like **CharacterBody2D**, **CollisionShape2D**, **Camera2D**, **Script2D**, and **AnimationPlayer**.
- Check out [Retro_Runner](#) on GitHub for the full source code and to see how the game brings classic platforming fun to life.

GameOn

06/2024

- A gaming-focused website built with **React**, featuring dynamic animations using GSAP.
- Designed an interactive UI with animated cards, videos, and images for an engaging user experience.
- Utilized **GSAP** to create smooth transitions, scroll effects, and interactive elements.
- Check out [GameOn](#) on GitHub or try the [Live Demo](#) to explore its immersive animations and gaming content.

Experience

Developer & Team Lead

[AgriTech](#)

Dr. DY Patil Vidyapeeth 09/2024 – 12/2024

- Designed and developed an intelligent farming application using **React Native (Expo framework)** that integrates real-time sensor data to predict plant diseases, prescribe treatments, and alert farmers.
- Oversaw the creation of a user-friendly interface using **Expo Navigation** and **Figma**, enhancing overall user experience and interaction.
- Integrated live darshan feature allowing real-time viewing of the pilgrimage site.
- Developed a **cross-platform mobile app** that allows farmers to view sensor data, receive alerts, and take preventive actions based on AI-driven disease predictions.
- Implemented a **predictive analytics model using Keras** to analyze sensor and image data for accurate disease detection.
- Explore this innovative [AgriTech](#) system on GitHub and see how it's transforming precision farming!

Education

Bachelor of Technology

[Dr. DY Patil Vidyapeeth](#)

10/2022 - 04/2026

- Major in Computer Science and Design | CGPA - 9.83
Object Oriented Programming, Databases, Discrete Math's, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Others

- **Certifications:** Completed several online courses and certifications in web development, and cloud computing (IBM).
- **G20 Exhibition:** Experienced the G20 exhibition, which offered an engaging overview of global discussions and initiatives. The event featured interactive displays and presentations that highlighted key topics of the G20 summit. **(06/2023)**