Ganesh Kasture

 LinkedIn | +91-8767199980 | ganeshkasture.com | ganeshkastureofficial@gmail.com | GitHub

Skills

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

Projects

Retro Runner   05/2024

- 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.

EmoLink   04/2024

- A sophisticated **React Native** messaging app clone designed to emulate the core functionalities of popular messaging platforms. This project showcases advanced user authentication with OTP, seamless navigation, and a dynamic chat interface.
- Designed and developed an intuitive file-based navigation structure with **Expo Router's** stack navigator.
- Engineered a secure OTP-based user authentication system with Clerk, guaranteeing robust and seamless access.
- I developed a dynamic chat interface with Gifted Chat, supports messaging, and integrated Gesture Handler for intuitive gesture controls.
- Explore EmoLink on GitHub to see how this app connects friends by sharing both joyful and challenging moments through a dynamic and supportive chat platform.

Loom   02/2024

- Built with the latest **Next.js** and **TypeScript**, this project replicates Zoom, a widely used video conferencing tool. It enables users to securely log in, create meetings, and access various meeting functionalities such as recording, screen sharing with **Stream**.
- Implemented authentication and authorization features using **Clerk**, allowing users to securely log in via social sign-on.
- Developed functionality for users to quickly start a new meeting, configuring camera and microphone settings before joining.
- UI components crafted with **Shadcn**, styled elegantly using **Tailwind CSS**.
- Visit the Loom GitHub repository to dive into the code behind this advanced video conferencing tool and see how we've replicated Zoom's core functionalities with modern tech, and check out the Live Demo section hosted for free on **Vercel**.

Experience

YouTuber	YouTube	07/2024 - Current

- **The Coding Journey with Ganesh:** Software Engineering, Entertainment, Tech Life, Coding, LeetCode.

Developer & Team Lead	Estha	*Dr. DY Patil Vidyapeeth*	01/2024 – 03/2024

- Led a team of 5 in developing a comprehensive pilgrimage website, designed to provide detailed insights into a specific pilgrimage site, including its history, architecture, and a live darshan (virtual worship experience).
- Oversaw the creation of a user-friendly interface using **React.js** and **Figma**, enhancing overall user experience and interaction.
- Integrated live darshan feature allowing real-time viewing of the pilgrimage site.
- Directed the design and structuring of content to effectively present historical and architectural information.
- Explore Estha on GitHub to see how this comprehensive pilgrimage website blends detailed site information with live darshan features!

Education

Bachelor of Technology	Dr. DY Patil Vidyapeeth	*Pune, MH, India*	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)**