KESHAV MADHAV

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Education

Sushant University	**Sep. 2021 – May 2025**
Bachelor of Technology in Computer Science (Specialization in AI/ML)	*Gurgaon, Haryana*

Experience

PrudentBit	**August 2023 – Current**
Founding Front-End Engineer	*Noida, Uttar Pradesh*

- Guided development of the web-app for the core product, Immunefiles, from scratch over the course of 8 months.
- Optimized application performance by migrating Immunefiles from ReactJS-18 to NextJS-14, improving load times and overall performance by 500% using Server-Side Rendering (SSR), caching, and incremental revalidation.
- Developed a real-time admin dashboard featuring 15+ interactive graphs, partial rendering, and live data streaming, enabling enhanced user analytics and boosting monitoring efficiency by 30%.
- Integrated cross-platform solutions by building Immunefiles apps for Microsoft Teams(using Teams Tookit), Outlook (using Yeoman generator), and Gmail (via InboxSDK).
- Built advanced file management and redaction features including drag-and-drop functionality and canvas-based text redaction for sensitive documents, improving file handling efficiency by 40%.

Projects

Clone Pen *React, Firebase, Tailwind*

- Developed a browser-based code editor using React and Firebase, allowing users to write and execute JavaScript in real-time.
- Implemented resizable coding sections for live preview and debugging, enhancing the user experience for web developers.
- Enabled project management features including editing existing projects and accessing projects created by other users.
- https://codepen-clone-dae8e.web.app/home/ Github

JavaScript Game Development *JavaScript, HTML, CSS, Canvas*

- Built over 30 interactive games using JavaScript for game logic and HTML/Canvas for visuals, implementing advanced algorithms and physics-based mechanics.
- Explored key game development concepts such as collision detection, ray tracing, and 3D rendering.
- Some of the games are: Space-Invaders, Brick-Breaker, Physics maze, 3D Maze and Conway's game of life.

Zen Notes *NextJS, Cloudflare, Clerk, LiveBlocks, Tailwind, Firebase*

- Created a real-time collaborative notes app where users can edit documents simultaneously with automatic updates.
- Integrated AI capabilities using Cloudflare Workers for summarization, translation, and chat functionality within notes.
- Utilized Clerk for authentication and Firebase for database management, ensuring persistent note storage and seamless user experience.
- https://zen-notes-keshav.vercel.app/ Github Main Github Cloudflare

Infinite Craft *NextJS, Typescript, Open AI, LangChain*

- Designed a merge game with limitless possibilities by integrating GPT-4 using OpenAI's API, offering dynamic content creation.
- Implemented drag-and-drop mechanics with custom logic, smooth animations, and sound effects to enhance gameplay.
- Fine-tuned the GPT-4 model for specific game responses, leveraging LangChain for creating an abstraction layer.
- Project Not Publicly Listed

Fizzi Soda Landing Page *NextJS, Typescript, Prismic, GSAP, ThreeJS, React-Fiber, drei*

- Developed a landing page for Fizzi Soda using NextJS, integrating GSAP for animations and ThreeJS for 3D elements.
- Implemented Prismic CMS for efficient management, allowing the content team to easily modify website information.
- Ensured accessibility for screen reader users and implemented responsive design for optimal viewing across all devices.
- https://fizzi-drinks.vercel.app/ Github

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, TypeScript, AppsScript, SQL
Libraries/Frameworks: React.JS 19, Next.JS 15, TailWind, Framer-Motion, GSAP, ShadCn, Fluent UI, Zustand, Axios, CloudFlare, MongoDB, LangChain, ThreeJs, React-Fiber, Prismic
Developer Tools: VS Code, Git, Teams ToolKit, Docker
Designing Tools: Photoshop, Figma, Canva