

Akash Kishor Gher

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LinkedIn • Github

PROFESSIONAL SUMMARY

Creative and performance-driven Frontend Game Developer with 3 years of experience specializing in PixiJS-based slot and casino game development. Adept at transforming design concepts into high-performance, visually rich gameplay experiences using TypeScript, JavaScript (ES6+), and WebGL.

Strong understanding of game architecture, rendering optimization, and interactive UI systems, with a focus on smooth animations, responsive layouts, and consistent performance across devices. Experienced in Agile development and passionate about crafting engaging, player-centric gaming experiences that blend art, technology, and innovation.

EDUCATION

Bachelor of Engineering (Computer Science) 2017 - 2021
Ballarpur Institute of Technology, Ballarpur Grade: 9.96/10.0

Intermediate (Class XII) 2015 - 2017
Shri Shivaji Junior College, Rajura Grade: 58.62%

Matriculation (Class X) 2014 - 2015
Shri Shivaji High School, Rajura Grade: 85.4%

EXPERIENCE

Software Engineer August 2022 - November 2024
IVY COMPTECH PRIVATE LIMITED Hyderabad

Role Summary:

As a Frontend Game Developer, I specialized in building **high-performance slot and casino-style gaming experiences** using **PixiJS, TypeScript, JavaScript (ES6+), and WebGL**. I contributed to several **top-grossing titles** deployed across **UK, US, and international markets**, delivering games for leading brands such as **Coral, Bwin, BetMGM, Ladbrokes, and Party Casino**. My role involved creating engaging game mechanics, responsive UI systems, and optimized rendering pipelines to ensure seamless gameplay across devices.

Key Responsibilities:

- Designed and developed **multiple slot and casino games** from concept to release, implementing key systems including **reel logic, win line evaluations, feature triggers, and bonus rounds** using **PixiJS** and **TypeScript**.
- Created **modular and scalable architectures** with reusable components like reelView, controlPanelView, celebrationView, and preloaderView to enhance maintainability and development efficiency.
- Integrated **real-time spin and result data** using **WebSockets**, ensuring synchronized, lag-free gameplay across global player bases.
- Implemented **autospin functionality, bonus features, and dynamic animations** using **GSAP/TweenMax**, significantly improving visual feedback and user engagement.
- Built **responsive UI layouts** adaptable to multiple aspect ratios and resolutions for both desktop and mobile platforms.
- Worked closely with designers, product managers, and backend teams to integrate **custom assets, spine animations, and sound effects** aligned with game themes and brand guidelines.
- Leveraged **TypeScript** for strong typing and maintainability, minimizing bugs and improving code scalability.
- Conducted **extensive debugging, performance optimization, and memory management**, reducing frame drops and improving load times.
- Collaborated across **cross-functional teams** using **GitLab, Confluence, and Jira**, following **Agile methodologies** for sprint planning and delivery.
- Reviewed code, refactored legacy modules, and mentored junior developers on **PixiJS, TypeScript, and game architecture best practices**.

Key Projects:

- Fortune Reels** – Core developer for reel engine and bonus feature integration; implemented win celebration effects and symbol animations, contributing to record player engagement across multiple markets.
- Mystic Gold** – Delivered optimized preloader, responsive UI, and smooth reel transitions; reduced initial load time by 30% through asset optimization.
- Vegas Rush** – Designed interactive gameplay features such as autospin, turbo mode, and big-win animations; integrated localized game assets for multiple brands and regions.

Key Achievements:

- Delivered **frontend architecture and gameplay systems** for the company's **highest-revenue slot title**, significantly driving engagement across **UK and US markets**.
- Successfully launched games for **global brands (Coral, Bwin, BetMGM, Ladbrokes, Party Casino)**, ensuring compliance with market-specific standards and performance benchmarks.
- Improved asset loading and rendering pipelines, enhancing game responsiveness and visual quality across devices.
- Increased development efficiency by 25% through modular view systems, reusable code, and TypeScript adoption.

Skills:

PixiJS, TypeScript, JavaScript (ES6+), React, Redux, WebGL, WebSockets, GSAP/TweenMax, Spine Animations, Texture Atlas Optimization, UI/UX Design, GitLab, Confluence, Jira, Agile Development

INTERNSHIPS

Full Stack Web Development Intern July 2020 - December 2020
Softgrowth Infotech Chandrapur, Maharashtra

- Built and maintained **dynamic web applications** using **PHP** (backend) and **HTML5, CSS3, JavaScript, and Bootstrap** (frontend), ensuring responsive, mobile-first design.
- Developed **e-commerce platforms**, integrating payment gateways and user authentication for seamless functionality.

- Collaborated on **full-stack projects**, applying **Agile** methodologies and **RESTful APIs** to enhance performance and scalability.
- Optimized websites for **SEO** and performance, reducing load times by **20%** through code and asset optimization.
- Conducted testing and debugging using **Chrome DevTools** and **Postman**, ensuring high-quality deliverables.
- Used **Git** and **GitHub** for version control, improving team collaboration and code management.

Skills: PHP, HTML5, CSS3, JavaScript, Bootstrap, RESTful APIs, Git, Agile, SEO, Chrome DevTools, Postman

PROJECTS

Breaking Bad Character ([Github](#)) ([Demo](#))

March 2022

- A webpage to search about the breaking bad cast.
- Features: On Hover over each page spin the image and show some details about the character. On click on each character go to the wiki link about the character bio
- Role: Software Developer — Tech Stack: React JS ,JavaScript, HTML, CSS,

JS Landing page Project ([Github](#)) ([Demo](#))

January 2022

- Newton school App launch landing page
- Features: Smooth Responsive web design with sign up Button, Hamburger menu
- Role: Software Developer — Tech Stack: JavaScript, HTML, CSS, Bootstrap

Responsive Resume ([Github](#)) ([Demo](#))

January 2022

- A simple Responsive resume (Portfolio website)
- Features: Responsive, shows curriculum activity. Past Education ,Projects ,Achievements etc.
- Role: Developer — Tech Stack: HTML5,CSS3

Freelance platform website using PHP ([Github](#)) ([Demo](#))

January 2020

- A CSE Major project on Freelancing
- Features: USE RDBMS for storing clients and Employers Data ,Sign in sign up utility.
- Role: Developer — Tech Stack: Bootstrap, HTML, CSS, JS, PHP and MySQL

CERTIFICATIONS

Newton School Coding Boot Camp Newton school ([Link](#))

November 2021

- Developed **full-stack web applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js), along with **HTML5**, **CSS3**, **JavaScript (ES6+)**, and **Bootstrap**.
- Built **RESTful APIs** with **Express.js** and **Node.js**, and created dynamic UIs using **React.js** and **Redux** for state management.
- Managed databases with **MongoDB**, ensuring efficient data storage and retrieval.
- Completed projects like **HTML5-based games** and **React.js applications**, showcasing modern web development and interactive UI design.
- Ranked highly in **coding contests**, demonstrating strong problem-solving and competitive programming skills.
- Applied **Agile methodologies** to deliver scalable, high-performance solutions.

Skills: MERN Stack, RESTful APIs, Redux, HTML5, CSS3, JavaScript, Bootstrap, Agile, Problem-Solving

Workshop on Search Engine Optimization Walnut folks AXIS 2018-19, VNIT Nagpur

February 2019

- Attended an **SEO workshop**, learning **best practices** and **digital marketing techniques**.
- Applied SEO strategies to improve **site architecture**, **crawlability**, and **user experience**.
- Optimized web apps for **performance** and **search rankings** using **content** and **technical SEO**.
- Used tools like **Google Analytics** and **Search Console** to analyze and refine strategies.

Skills: SEO, Technical SEO, Content Optimization, Google Analytics, Digital Marketing

SKILLS

Frameworks & Libraries: Next.js

EXTRA-CURRICULAR ACTIVITIES

- Data Science with python workshop -1 week training Program by COGNITOR in association with CSIPL .
- Secured 95% in Fundamentals of Digital Marketing certification Exam conducted by Google.
- Secured 81.46% Reso vista 2013 A state level Inter-School Scholarship Examination conducted by Resonance.
- BLIND CODING COMPITITION and Quiz competition 2K19 Ballarpur Institute of Technology.
- Participated in District Badminton Tournament -2019 B.S Event BIT, Ballarpur
- poster Competition on Cyber Security by National Defense Resource Center DEC 2019.
- Build Amazing Websites w/HTML, CSS, SASS, JavaScript and more, Udemy.
- Master Realistic 3d model from scratch with Blender 2.9 ,Udemy.
- Python pro-Basics for Data Science, Udemy.
- PHPStorm master class. The best PHP IDE for Fullstack dev ,Udemy.
- Master Class on P2B#151 Google Collab Machine Learning App conducted by Perfect E Learning