017642075645   **Sheetal Satheesh**   sheetalsatheesh1@gmail.com

Dear Hiring Manager,

With a Master's degree in Computer Science I am excited to apply for the **Lead Developer** position. With a solid background in front-end technologies, including extensive hands-on experience in HTML, CSS, JavaScript, React, and other frameworks, I am eager to bring my expertise to your team.

One of my notable projects is the development of Game Hub, a comprehensive gaming website inspired by **RAWG**. I implemented dynamic data fetching to display game genres, categories, and popularity, and ensured optimal viewing across various devices with a responsive UI using Chakra-UI. I also optimized image loading, integrated skeleton screens for smooth performance, and added a dark/light mode switch for improved user experience. The project is also deployed in Vercel and can be viewed here(https://game-qoyavlwa0-sheetals-projects-2fcfe17d.vercel.app/). This project, which utilized a tech stack of React, TypeScript, Chakra-UI, Vite, and Bootstrap, can be viewed here.

At Infosys Ltd., I further honed my front-end development skills where I developed a network inventory page for an Australian state organization responsible for managing Australia's National Broadband Network, with reusable components and integrated backends. I also created a universal search and typeahead feature used across various components using React. I also created a universal search and typeahead feature used across various components. Using **Python scripting** and Selenium in C#, I automated complex workflows and ensured system accuracy and efficiency through rigorous unit testing of user-friendly data visualization interfaces. Additionally, I developed new features and improved the user interface for a Belgium-based company, enhancing user experience and engagement. This project involved leveraging my skills in Python, Pandas, and C#, providing me with a comprehensive understanding of the end-to-end software development lifecycle.

During my tenure as a Web Developer at the Heinz Nixdorf Institut, I designed dynamic, cross-browser compatible web pages using HTML5, CSS/CSS3, JavaScript, and jQuery. I performed client-side validation and developed Flask RESTful API endpoints to manage AutoML task submissions and trigger task execution. This role emphasized the importance of user-centric design and iterative development, ensuring continuous improvement and effective communication within cross-functional teams.

As a Werk-Student with the Data Science Research Group (DICE) at Paderborn University, I gained valuable experience in machine learning and data analysis, streamlining ML development with AutoML and co-authoring a paper for the XAI 2024 conference.

Additionally, I developed the Digital Pentomino game, a project aimed at enhancing critical thinking skills for primary students. This project, done in collaboration with researchers from Berlin, involved implementing features like board splitting and maintaining an iterative development approach based on user feedback. The project showcases my proficiency in JavaScript, HTML/CSS, and can be accessed here(https://git.uni-paderborn.de/mmenne1/digitalpentomino_v5) and the pre-released version here(https://pentomino-digital.de/V5/prerelease/). My diverse technical background, coupled with a structured and analytical approach to problem-solving, aligns well with the requirements of the **Lead Developer** position**.**

Sincerely,
Sheetal Satheesh