Ismail Manjlai

abuinaya.dev@outlook.com

7343308938

Michigan, USA

Summary

I am a software engineer with a passion for using lightweight technologies in order to create clean and intuitive applications for the web. I also work on game development in my free time.

Experience

Software Test Engineer

National Heritage Academies • Grand Rapids, MI   12/2021 - Present

● Executed database queries using SQL in MSSQL in multiple lower level environments such as CI and QA to validate test cases and ensure valid data representation with over 1,000,000 data points.

● Created automated tests using Cypress and Playwright to offload repetitive work, resulting in stories moving through the pipeline faster and increased code coverage.

● Handled validations of user stories in four different development environments, adhering to SAFe principles to ensure smooth functionality before deploying changes to production.

● Collaborated with the team to refine and estimate user stories in Azure DevOps in order to effectively communicate the team's plan for the next program increment

Full Stack Web Developer

ComputingHub • Ann Arbor, MI   05/2023 - 12/2023

● Combined Ace Editor's text editor and Skulpt's Python-to-JavaScript translator to allow users to run Python code natively in the browser.

● Spearheaded a database migration from PocketBase's embedded database to our own SQLite database, ensuring a smooth transition for users.

● Implemented reactivity through DOM manipulation for client side interactivity, leading to a clean user experience.

● Created intensive documentation regarding dependencies, reactivity scripts and component implementation to allow for easy collaboration with other developers.

● Utilized Pug.js to create HTML templates for server side rendering, allowing for dynamic data keeping a fast initial page load.

● Used Prisma to automatically generate type safe schemas, making for a more secure and fast development experience.

Skills

JavaScript, HTML5, CSS3, Python, Cypress, Playwright, Postman, HTMX, Express.js, Node.js, Flask, SQL, PostgreSQL, MSSQL, SQLite, MongoDB, PocketBase, React, Redux, Angular, Prisma, Svelte, SvelteKit, Alpine.js, Web Components, Google Cloud Run, Firebase, Docker, SAFe, Azure Dev Ops, Agile, Bun, Nginx

Education

Web Development

Languages

English, Urdu