

Karthik Sivakumar

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EXPERIENCE

AEM Developer

Sep 2022 – Aug 2024

Capgemini

Hyderabad, India

- Part of a full AEM project from initial requirements gathering and component estimation to successful deployment and post-launch support to client
- Developed multiple POCs for the project, exploring both React SPA architecture and SSR alternatives
- Collaborated with various team members and client to classify components and estimate timelines
- Enhanced component library by integrating design variations from Zeplin into Storybook
- Actively communicated with clients to gather technical and functional requirements
- Developed and implemented Sling models to handle backend-to-frontend data communication efficiently within the AEM framework
- Wrote and executed JUnit tests to ensure code quality and functionality, improving overall project stability and reducing post-launch issues
- Integrated Google Maps API with Marker Clusterer for a dynamic branch locator component, optimizing the display of multiple locations and enhancing user experience with an interactive map navigation

PROJECTS (VIEW)

Puzzle Game | HTML, CSS, JavaScript, Git

View

- Developed a Destiny 2-themed web application that simulates a puzzle, offering users an interactive experience related to the game's mechanics
- Designed and implemented a responsive user interface with vanilla HTML, CSS, and JavaScript, ensuring optimal performance
- Incorporated game mechanics, event triggers, and visual elements from Destiny 2 to enhance user engagement
- Optimized the simulator for both desktop and mobile devices, improving user experience and accessibility

Finance Calculator | HTML, CSS, JavaScript, Git, Chart.js

View

- Designed and developed a Finance Calculator web application with functionalities for FD, RD, and EMI calculations
- Integrated Chart.js to visualize investment and return data through interactive donut charts
- Implemented user-friendly interfaces with real-time input validation and dynamic chart updates
- Successfully debugged and tested the application to ensure seamless performance across multiple browsers and devices

TECHNICAL SKILLS

Languages: JavaScript, SQL, Java, HTML/CSS, Python

Frameworks: React, Tailwind CSS

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse

Libraries: jQuery, Next.js

EDUCATION

NIT Trichy

B.Tech in Mechanical Engineering

Tamil Nadu, India

July. 2018 – May 2022

OUTSIDE OF WORK

When I'm not working, you can probably find me on the court playing basketball, kicking around a football, or diving into a pool for a swim. If I'm not outdoors, I'm likely gaming, trying to beat the next level or team up with friends for some multiplayer fun. These activities help me stay active, focused, and ready for the next challenge.

OPEN TO OPPORTUNITIES

I'm currently open to full-time positions, freelance projects and open source projects. I'm particularly excited about opportunities where I can work closely with designers to bring creative visions to life. If you have an interesting project or position in mind, feel free to contact me.