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WORK EXPERIENCE

Web Developer (Front-end) | Sandman Media Inc., Vancouver, Canada | Aug' 23- Present

- Conducted comprehensive manual testing of a forthcoming website Parking Exchange assessing and increasing 50 % functionality, usability, and performance against the critical scenarios and use cases.
- Modified the website to work efficiently irrespective of browser and platform by code modifications resulting in 90% percent optimization on website performance.
- Solved render-blocking issues to drive successful outcomes, ensuring alignment with stakeholders and delivering high-quality responsive websites that enhanced user experience.
- Handled CORS restrictions and error handling while integrating REST API services by eliminating dependencies and compatibility issues.
- Involved in a team of full-stack developers and contributed design patterns to achieve the development best practices.

Web Developer Intern (Front-end) | Sandman Media Inc., Vancouver, Canada | Jan' 23- April'23

- Executed an average of **20** daily content updates on client websites like mining, coal, and education industries, utilizing HTML, CSS, and JavaScript to meet specific client requirements.
- Teamed up effectively with development teams, offering valuable suggestions on code modifications using Joomla CMS and Gantry framework optimizing 90 percent of layouts, and enhancing overall website performance.
- Developed a no-code website using WordPress prioritizing user experience by minimizing **80%** website navigation and enhancing user engagement.
- Engaged with 6 stakeholders to understand goals and needs, integrating insights into the website, and demonstrating a deep understanding of frontend-backend relations.
- Contributed creative insights and recommendations to graphic designers for crafting 10 websites' conceptual frameworks within the **Figma** design tool.

Senior Web Developer | Technoarete R & D Association, Chennai, India | Jan' 19- Aug' 21

- Worked on designing and developing **20+** highly responsive conference and Journal websites for an EdTech firm using Figma, HTML, CSS, JavaScript, and React.js.
- Specialized in creating visually appealing landing pages and home pages tailored for conferences and journal publications resulting in a **25%** increase in user interaction.
- Spearheaded a team of junior web developers in creating multiple interactive pages with React.js ensuring 90% smooth functionalities and providing a dynamic environment to the website.
- Led successful projects, particularly in UI/UX experience, including user browser development tools to debug client-side scripting issues.

Web Developer | Technoarete R & D Association, Chennai, India | May' 17- ' Dec'18

- Maintained **15** responsive conference and Journal websites for an EdTech firm using Figma, HTML, CSS, JavaScript, and React.js.
- Applied JSX and React libraries to deliver responsive and high-performance websites with information about conferences and journal platforms for students and professors achieving a **20%** improvement in website loading times.
- Optimized **90 %** of website functionality by implementing React Hooks and States, transforming a static site into a dynamic page experience by enhancing user interaction, and unnecessary reloads.
- Reduced the complexity of the conference website using CSS properties like Flexbox and Grid to provide the best navigation for students and professors.

SKILLS

Programming Languages	HTML, CSS, JavaScript, TypeScript, Python, JSX, React
Library and Frameworks	React.js, Node.js, Joomla, Gantry
Database Management	SQL
OS/Git	Windows, Linux, Git, GitHub
Responsive Design	Media queries, Flexbox, CSS Grid, Figma
Web APIs	RESTful APIs, JSON
Server Management	Cloud services (AWS Cognito)
Web Standards	HTML5, CSS3, SASS
Communication	Slack, Teams
Project Management	Agile methodologies (Scrum)

EDUCATION

Fairleigh Dickinson University | 2021- May 2023

Master of Science in Applied Computer Science

IIIT Bangalore | 2020 - September 2021 (Certification)

PGD in Front-end Web Development

SCSVMV University, India | 2013-2017

Bachelor of Engineering

PROJECTS:

SLP- Structured Learning Platform (Education Website) | HTML | CSS | React | AWS (Amplify CLI):

- Created a dynamic responsive structured learning platform website using **React.js** and **AWS Amplify CLI**, resulting 30 % increase in user engagement.
- Incorporated graphic design concepts seamlessly into web development workflows using the **Figma** tool.
- Utilized **AWS Amplify** for backend setup, including API configuration and data modeling for course content storage, reducing backup setup time by 50%.
- Collaborated with professors for smooth front-end and back-end integration, using **AWS Cognito** Cloud for user data storage and **API** for course content fetching, resulting in a 40% improvement in data retrieval speed.

Android Application based on Tourist places | Kotlin | Node.js | MS SQL Server:

- Developed a **Kotlin**-based Android app for tourist information, with **Node.js** as the back end and **MySQL** workbench for the database comparatively 50% more efficient than competitor applications.
- Designed a user-friendly interface, ensured smooth integration between front-end and back-end systems, and reduced the number of clicks on the app for users.
- Conducted thorough testing and utilized **Agile** methodology, resulting in 20% efficient project management.
- Implemented user authentication features using **Google API** on the front end to enhance app security by 40% and user experience.