Naga H Chadalavada

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Web developer with **4 years** of expertise in **Front-end and Android** development, specializing in building responsive, user-friendly websites and mobile applications using technologies such as **HTML5, CSS, JavaScript, JSX, React, React Native and Kotlin**. Experienced in **Agile methodology** and the **Scrum** process for efficient project management and collaboration within cross-functional teams.

WORK EXPERIENCE

Front-end Developer | Sandman Media Inc | Vancouver, Canada | Sep' 23- Present

- Achieved a 50% optimization in the performance of **React Native** applications to ensure fast load times, smooth animations, and efficient resource utilization.
- Involved in modernization of Android apps which were in Java 8 and with modern architectural designs and the latest implementations.
- Designed high-impact **UI/UX** projects, developing user browser tools to debug client-side scripting issues and optimize user interface.
- Implemented advanced **SASS** features like mixins, functions, and nesting to create a scalable and reusable style architecture.
- Conducted **Unit tests** using **Jest** to ensure code reliability and quality, improving the web applications' smoothness.
- Increased Android product quality by 40% through collaboration with a team of three full-stack developers, to obtain industry best practices.

Front-end Developer Intern | Sandman Media Inc | Vancouver, Canada | Jan' 23- Apr' 23

- Executed **20** CMS operations for industries like mining, coal, AdTech, and EdTech, utilizing **HTML**, **CSS**, and **JavaScript** to meet specific client requirements.
- Developed a no-code website water Strider using **WordPress** prioritizing user experience by minimizing 80% of website navigation and enhancing user engagement.
- Integrated **CI/CD** pipelines using GitHub Actions to automate testing and deployment processes, ensuring consistent and reliable mobile application updates.
- Coordinated creative insights and recommendations to graphic designers for designing 10 websites within the **Figma and Contentful** design tool.
- Optimized rendering latency by implementing **Webpack**, resulting in a 30% improvement in page load times.
- Highly involved in Developing 5+ conference **Android** Native Mobile Applications using **Kotlin/Java** with MVC, MVVM architectural patterns, advanced/latest concepts like Jetpack, and backward compatibility support.

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

- Led daily **Scrum** meetings to track project progress, address challenges, and maintain clear communication among team members.
- Maintained and enhanced the applications' performance, writing **Unit Tests** for business logic as well as UI Testing, providing support for new feature implementations and bug fixes for existing applications along with deploying apps in CI/CD pipelines through Github Actions
- Implemented **Agile methodology** to streamline the development of the conference applications, ensuring timely delivery and efficient collaboration across teams.
- Worked closely with cross-functional teams like **UI/UX** and backend, incorporating the design and integrating **REST APIs** into the mobile applications.
- Developed multi-module **Android** projects (divided into modules like UI, data, and analytics) with the latest architectural design patterns like MVVM, MVI, and Modern Android Development practices.

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

- Integrating with backend **JSON REST- API** frameworks like Laravel making it fully functional end-to-end mobile applications.
- Worked on migrating old architecture Java-based Android apps using **Android** and Java 8 apps (for lambdas, method references) and further migrating to **Kotlin** by using view models, live data, and flows.
- Worked closely with core technology and other platform teams(backend)to balance cross-platform consistency with **Android** App optimization.
- Experienced in developing and integrating **RESTful APIs** using Fast API to maintain constant communication between front-end and back-end systems.

SKILLS

HTML, React Native, CSS, JavaScript, TypeScript, Kotlin, DSA, React Js, Node Js, DOM, ES6, ES7, MVVM, Android Studio, SQL, Postgre SQL, Mongo DB, Windows, Linux, Git, GitHub, Media queries, Flexbox, CSS Grid, Figma, Contentful, Plasmic, RESTful APIs, JSON, Webpack, ADA Compliance, CMS, Cloud services AWS, Microservices, Test Driven Development, Debugging, Application Design, Troubleshooting, Agile methodologies (Scrum)

EDUCATION

Fairleigh Dickinson University | Sep 2021- May 2023
Master of Science in Applied Computer Science

SCSVMV University| Aug 2013- Apr 2017
Bachelor of Engineering

PROJECTS

Portfolio| React JSX | CSS|DOM| JSON | Vite
- Constructed a professional portfolio website using JSX and the React.js library to display technical skills and proficiency in modern web development frameworks.
- Implemented **JSON** data fetching in React to dynamically render content on a portfolio website, ensuring updated information is displayed without altering JSX code.
- Incorporated React.js component-based architecture to organize and manage website content and functionality and track user activity using **Google Analytics**.
- Demonstrated a visually compelling portfolio website with custom design and smooth navigation, showcasing key projects and achievements using CSS Modules.

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.
- Create backend projects using the Node.js framework, integrating database data with **Object-Relational Mapping (ORM)** tools, writing efficient queries, thereby developing **RESTful APIs** to facilitate communication between the frontend and backend.
- Conducted thorough testing and utilized **Agile** methodology, resulting in 20% efficient project management by collaborating with the professor.
- Implemented user authentication features using **Google API** on the front end to enhance app security by 40% and user experience.

SLP- Structured Learning Platform (Education Website) |HTML | CSS| React| AWS (Amplify CLI)
- Created a responsive structured learning platform website using **React.js** and **AWS Amplify CLI**, resulting in a 30 % increase in user interaction.
- Used API to fetch course video links and display them on the website, enhancing the user experience by providing easy access to educational content.
- Incorporated graphic design concepts into web development workflows using the **Figma** tool.
- To obtain smooth front-end and back-end integration, using **AWS** Cognito Cloud for user data storage, resulting in a 40% improvement in data retrieval speed.