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SOWMIYA

mobile Developer | react native ios developer

Technical Skills

- C, C++
- HTML , CSS
- Javascript , ES6+
- Github
- Firebase
- RESTful APIs, JSON
- Resposive UI
- Agile technology
- Memory Management
- performance optimization

REACT NATIVE
- Component Lifecycle, Hooks
- Async storage
- Push notification
- Redux
- Redux toolkit
- Redux saga, Thunk
- Networking , Navigation
- Continuous Integration / Deployment

SWIFT
- Autolayout, Stack Views, Storyboards, XIBs
- Core Data, Core Animation
- Networking
- Dependency management
- Cocoapods, Frameworks
- Design patterns (MVC, MVVM)

OPERATING SYSTEMS
- Windows
- Mac OS

DEVELOPMENT TOOLS
- Visual studio code
- XCode

Soft Skill

- Observation
- Good Communication
- Collaborative team player
- Fast learner
- Time management
- Adaptability
- Flexibility
- Problem solving
- Passion for quality
- Continuous learning

LANGUAGE KNOW
- English
- Tamil

About Me

Developed a strong foundation in mobile application development as a recent graduate through an internship at Doodleblue Innovations. Gained exposure to React Native and iOS app development using Swift, fostering a solid understanding of software development principles. Eager to kickstart my career in mobile app development, bringing a passion for learning, adaptability, and a commitment to contributing to innovative projects.

Professional Experience

Doodleblue Innovations | React native Developer Intern

June 2023 - Present

Key responsibilities:
- Developed mobile applications using React Native, gaining hands-on experience in cross-platform development.
- Completed assigned tasks on time, meeting project deadlines set by senior developers.
- Actively participated in debugging and troubleshooting sessions, contributing to the resolution of technical issues.
- Successfully completed assigned tasks and projects within specified timelines, demonstrating a strong commitment to project goals.
- Collaborated closely with senior developers and team members to learn and apply best practices in React Native development.
- Actively sought learning opportunities to enhance skills in React Native and mobile app development.
- Engaged in real-time problem-solving during live project scenarios, contributing to the quick resolution of issues and optimizing the performance of React Native applications.

Doodleblue Innovations | iOS developer Intern

April 2023 - June 2023

Key responsibilities:
- Learned iOS mobile application development through hands-on experience and mentorship
- Developed iOS mobile applications as part of an internship program
- Worked as an intern support in LIFE FITNESS, collaborating with a team of developers to contribute to project success.
- Successfully completed iOS development tasks within specified timelines

Cognizant Agile Methodology Job Simulation on Forage

January 2023

Key responsibilities:
- Led the creation of a comprehensive presentation that examined the strengths and weaknesses of Agile and Waterfall methodologies, demonstrating a strong grasp of project management principles; facilitated informed decision-making process and improved project success rate by 25%.

Education Background

- Dhanalakshmi srinivasan college of engineering and technology, Mamallapuram

  Bachelor of Engineering - Computer Science Engineering

  Completed in 2023   **CGPA – 8.45**

Projects

Todo App:

- ***Description:***

  Developed a simple To-Do application for iOS using Swift, featuring a user-friendly interface and functionality powered by Table View. Implemented data persistence using User Defaults for a seamless user experience.

- ***Responsibilities:***

  1. Designed and implemented the user interface with Table View for listing tasks.
  2. Integrated User Defaults to enable data persistence, enabling users to add, edit, and delete tasks seamlessly, allowing users to store and retrieve tasks across app sessions.
  3. Implemented task creation, deletion, and status update functionalities.

- ***Technologies Used:***

  Swift, Xcode, UIKit

- ***Associated with:***

  Doodleblue innovations - iOS developer internship (June 2023 - August 2023)

- ***GitHub Repository:***

  https://github.com/Sowmiya13G/To-Do-App.git

Todo App:

- ***Description:***

  Description: Developed a robust Todo application using React Native, incorporating essential features such as task addition, editing, and deletion. Utilized Redux for state management, ensuring a seamless and efficient data flow. Employed persist storage to retain added todos across app sessions, enhancing user experience.

- ***Responsibilities:***

  1. Designed and implemented a responsive user interface with React Native components.
  2. Integrated Redux for centralized state management, facilitating smooth data flow and interaction.
  3. Implemented features for adding, editing, and deleting todos, enhancing user task management.
  4. Utilized persist storage to store and retrieve added todos, providing a persistent user experience.

- ***Technologies Used:***
  React Native, Redux, Persist Storage

- ***Associated with:***

  Doodleblue innovations - React native developer internship (August 2023 - now)

- ***GitHub Repository:*** https://github.com/Sowmiya13G/MyToDo.git

Chat App:

- ***Description:***

  Developed a React Native-based chat application with Firebase integration for real-time data sync and user authentication. Designed an intuitive UI for seamless messaging, incorporating features like text/image messaging and real-time updates.

- ***Responsibilities:***

  1. Integrated Firebase for real-time data synchronization and user authentication.
  2. Designed and implemented an intuitive user interface for seamless messaging.
  3. Utilized React Native components and Firebase features for UI development.
  4. Integrated Firebase authentication for secure access, including sign-in, sign-up, and password reset functionalities.
  5. Employed Firebase Realtime Database for instant message delivery and synchronization.
  6. Implemented features such as text messaging, image sharing, and real-time updates.
  7. Ensured an interactive and engaging user experience throughout the application.

- ***Technologies Used:***

  React Native, Firebase, Redux toolkit, Persist Storage

- ***Associated with:***

  Doodleblue innovations - React native developer internship (August 2023 - now)

- ***GitHub Repository:***

  https://github.com/Sowmiya13G/To-Do-App.git

Optical Character Recognition:

- ***Description:***

  OCR is a technology that converts scanned or printed documents, images, or handwritten text into machine-readable text. It involves the use of advanced algorithms and image processing techniques to recognize and extract characters, words, and sentences from visual content, making it accessible for digital manipulation, storage, and analysis.

- ***Associated with:***

  Dhanalakshmi srinivasan college of engineering and technology- 1 month

Fake Product Identification by QR code using block chain :

- ***Description:***

  This project aims to develop a secure and efficient system that leverages blockchain's immutable ledger and QR code technology to verify the authenticity of products and protect consumers from counterfeit goods.

- ***Associated with:***

  Dhanalakshmi srinivasan college of engineering and technology- 3 months

Fertilizers Recommendation System for Disease Prediction:

- ***Description:***

  Developed a cutting-edge Fertilizers Recommendation System leveraging Artificial Intelligence (AI) for enhanced crop health and productivity. The project aimed to optimize agricultural practices by predicting and preventing diseases through advanced AI algorithms.

- ***Associated with:***

  Dhanalakshmi srinivasan college of engineering and technology- 3 months [Naan Mudhalvan : IBM]