

Pallavi Khedle

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Skills

React Native, Python, SQL, React, Javascript, TypeScript, AWS, Figma, Firebase, XCode, Android Studio, Ionic, Realm, JQuery, Web3 Stack - NFTs, Solidity, Goerli, Vercel, Blockchain, MongoDB

Professional Experience

Relyon softtech LTD, Software Engineer 2020 – 2022 | India

- Engineered cross-platform desktop and native applications for the company's product portfolio that are responsible for addressing client's requirements in sales and finance.
- Implemented caching, Client-side state management, lazy loading other crucial mechanisms to improve real-time data synchronization, resulting in a 35% reduction in server load and a 45% improvement in website speed.
- Reduced server-client latency by minimizing the key-value terms by 30% while maintaining lossless JSON structure.

Technologies: React and React-Native, TypeScript, Cross-Platform applications, API Integration and Optimization

3E Software Solutions, Software Engineer 2019 – 2020 | India

- Worked on revamping React Native to 0.60+ applications with best practices and improved UI/UX functionalities.
- Leveraged Firebase to implement real-time push notifications and language translation for LMS applications.
- Collaborated with cross-functional teams to analyze application performance and identify performance bottlenecks.

Technologies: Ionic, React-Native, Code Migration and Back Support, Figma, Application Optimization.

Projects

Mind Pyramid, Sound to your meditation September 2023 – present

- A native app to promote and help with guided meditation, providing users with a calming and immersive experience with podcasts, customizable timers, and serene audiovisuals addressing mental health and sleep issues.
- Embedded a self-productivity tracker to practice this as a habit, win streaks, get rewards and reach milestones.

Technologies: React Native, Redux, Video Streaming, Standalone web apps, RESTful, Material UI, MongoDB.

Algorithm Efficiency Analyzer Tool, Sorting Visualizer September 2023 – September 2023

- A python-based GUI application designed to visualize working and calculating the efficiency of sorting a given set of elements across a few of the famous sorting algorithms available out there.
- Integrated advanced use cases of tkinter, matplotlib & sorting algorithms into a visually pleasing desktop application.

PostMe, An analytics addition to Postman in Kotlin April 2023 – May 2023

- Developed a Kotlin application to demonstrate its proficiency for effective display and interaction on mobile devices by showing interesting analytics of developers' Postman collections.
- Obtained and transformed data emitted from Postman APIs to create valuable analytical data for the end user.
- Implemented Kotlin capabilities like layouts, views, fragments, retrofit, language translation, etc

Space Invaders, A blockchain NFT GameFi November 2022 – December 2022

- Designed web application version of one of the past decade's favourite game - Space Invaders.
- Revamped this game to leverage NFT space ships; listed to buy, create, sell or bid in the market place - HardHat.

Technologies: Solidity, JavaScript, NFTs, Goerli, Vercel, Tuffy Verse, MetaMask

Education

California State University, Fullerton, 2022 – present | United States

Master of Science in Computer Science

Coursework: Mobile App Development, Blockchain, Algorithms & AI

Rajiv Gandhi Proudlyogiki Vishwavidyalaya, 2014 – 2018 | India

Bachelor of Engineering