

Jagan Ganesh

Chennai, Tamil Nadu, India

WiredWanderer@yahoo.com

+91 8939291973

[linkedin.com/in/jaganganesh](https://www.linkedin.com/in/jaganganesh)

<https://jaganganesh.tumblr.com>

Summary

I'm a Lead Software Engineer with over eight years of experience. I specialize in creating Web and Mobile Applications using different programming languages. I've worked with international clients, delivering top-notch software solutions that follow industry best practices.

I thrive on the excitement of the ever-evolving tech landscape!

Areas of Expertise:

- Proficient in designing, building, testing, and maintaining scalable applications for robust and sustainable solutions in complex software engineering.
- Code review for quality assurance and adherence to best practices.
- Significant experience working with Web and Mobile Applications.
- Architecting and building Mobile Applications for Android and iOS platforms using React Native.

Technologies I work with:

- Web Technologies: HTML5, CSS3, SASS/LESS, PHP, JavaScript (ECMAScript), TypeScript
- Frameworks: React Native (Classes and React Hooks), NodeJS (Learning)
- Libraries: ReactJS (Classes & React Hooks), Redux (Thunk, Saga, and Toolkit), MobX, JEST
- Databases: Firebase (Realtime and Firestore), MongoDB (Learning)
- Applications: Android Studio, XCode, Visual Studio Code
- Publishing Platforms: Google Play Console, AppStore Connect
- Web Applications: Google Cloud Platform, Notion
- UI/UX Tools: Adobe XD, Figma, Invision, Zeplin
- Build Tools: WebPack, Gulp, Grunt
- Operating Systems: MacOS, Linux, Windows
- Miscellaneous: GIT, Markdown, App Store Optimization (ASO), Search Engine Optimization (SEO)

Experience

Freelance Consultant (React Native)

Freelance

Jun 2023 - Present (8 months)

I collaborate with diverse companies to build high-performing cross-platform mobile applications. My expertise lies in driving efficient project execution, style guide-driven development, fostering team success, and delivering solutions that exceed expectations.

Lead Software Engineer (React Native)

Zorang

Apr 2022 - May 2023 (1 year 2 months)

Project: TOCA Football (<https://www.tocafootball.com>)

TOCA Football provides a comprehensive training program you won't find anywhere else. Our progressive soccer program invites soccer players of all ages and experience levels to reach their full potential.

Roles and Responsibilities:

- Managed GitHub version control and implemented GitHub Actions (CI/CD) with Bitrise.
- Oversaw end-to-end Play Store and App Store publishing, including TestFlight build maintenance, ensuring seamless and timely releases.
- Successfully integrated React Native applications with IoT communication via Bluetooth and WiFi interfaces.
- Implemented and managed Google Cloud Logging with three distinct log levels.
- Conducted meticulous refactoring of Cordova applications.
- Demonstrated expertise in React Native UI/UX design and development.
- Developed comprehensive unit test cases using JEST and Enzyme.
- Proficiently implemented Java Boot Spring APIs.
- Seamlessly executed firmware OTA (Over the Air) updates using react-native-ble-plx.
- Utilized MobX for efficient state management.



Senior Software Engineer (React Native)

Building Blocks Digital

Nov 2021 - Apr 2022 (6 months)

Project: Raccord (<https://www.raccord.com>)

A tool created for Real Estate Investment & Asset Management professionals that distills complicated Excel models and integrates disparate data sources into one location, allowing for real-time portfolio analysis at your fingertips.

Roles and Responsibilities:

- Proficiently developed a custom HTML5 Canvas and SVG Scatter Plot solution from the ground up, showcasing expertise in crafting high-quality visual representations.
- Design and Development of UI/UX using React Native (Android and iOS).
- Performed expert refactoring of class-based components into function-based components, leveraging modern best practices for enhanced code maintainability and performance.
- Effectively supervised and led a team of two senior React Native developers, ensuring smooth coordination, efficient collaboration, and successful project delivery.
- Proficiently developed comprehensive automation testing frameworks for both web and mobile applications, ensuring efficient and reliable software testing processes.
- Development, Staging and Production Environment Setup using .env (dotenv).



Senior React Native Developer

Robosoft Technologies

Jun 2021 - Sep 2021 (4 months)

Project: Alpha Learning+ (<https://www.robosoftin.com>)

Our team collaborated with Disney to revolutionize the learning experience for toddlers and kids by leveraging the power of beloved Disney characters.

Roles and Responsibilities:

- Creating a Basic 2D Game Engine entirely from scratch using React Native as a solo developer.

- Meticulously translating Figma prototypes into impeccable React Native screens and components with exceptional attention to detail and quality.
- Seamlessly integrating React Navigation for smooth user experiences.
- Implementing Context API for efficient state management.
- Integrating APIs to enhance functionality.
- Expertly incorporating Lottie Animations and Sprite Sheet technologies to achieve impeccably smooth and fluid animations.
- Excellently overseeing the software release cycle through Google Play Console and Apple App Store Connect.



Senior React Native Developer

ScalingWeb

Sep 2020 - Mar 2021 (7 months)

Project: RealReviews (<https://realreviews.org>)

RealReviews believes in making informed decisions. We work tirelessly to strip away the hype and expose the true quality of the products you're interested in.

Roles and Responsibilities:

- Taking charge of coordinating with the US and Indian teams, confidently understanding and fulfilling their requirements.
- Accomplishing the conversion of Adobe XD Prototypes into highly functional React Native Screens and Components.
- React Navigation Implementation.
- Integrated Redux with Redux Thunk Middleware, elevating the application's state management capabilities.
- Proudly achieving live streaming integration, providing an immersive and engaging experience for users.
- Proficiently integrated APIs utilizing Node.js and Express.js for seamless functionality.



Freelance Consultant (React Native, ReactJS and PHP)

Travel Thoughts Pte. Ltd

Apr 2020 - Aug 2020 (5 months)

Project: Travel Thoughts (<https://www.travelthoughts.com.sg>)

Travel Thoughts Pte. Ltd Provides Inbound and Outbound Tourism services to the residents of Singaporeans and People from India, Sri Lanka, Bangladesh, and Other Countries.

Roles and Responsibilities:

- Design and Development of decoupled UI/UX using React (Web) and React Native (Android and iOS) with PHP Backend.
- Integrated Redux with Redux Thunk Middleware, elevating the application's state management capabilities.
- Accomplishing seamless PayPal Integration.
- Efficiently managing GIT repositories.
- Expertise in managing the software release cycle, utilizing platforms such as Google Play Console and Apple App Store Connect.



Senior React / React-Native Developer

OpsMagic

Dec 2019 - May 2020 (6 months)

Project: OpsMagic (<https://opsmagic.com>)

OpsMagic is a cloud-based alert tracking system and incident response platform for IT departments. Centralized alerts, timely notifications, and easy integrations with your monitoring stack make this an indispensable tool for companies and institutions.

Roles and Responsibilities:

- Showcasing a proven mastery in Mind Mapping (Brainstorming) and Wireframing, leading to consistently successful project outcomes.
- Led the strategic implementation of Development, Staging, and Production Environments, orchestrating a streamlined workflow and maximizing operational efficiency for optimal performance.
- Implemented JWT Authentication, enhancing the security and reliability of the application.
- Integrated Redux with Redux Saga Middleware, elevating the application's state management capabilities.
- Integrated Sentry for bolstering error tracking and debugging efficiency.
- Design and Development of decoupled UI/UX using React (Web) and React Native (Android) with Django Rest Framework.



React / React-Native Developer

MercuryMinds

Sep 2019 - Dec 2019 (4 months)

Project: VoxGuru (<https://voyguru.in>)

VoxGuru is a revolutionary music learning platform where Indians across the globe can access high-quality training on their mobile phones.

Roles and Responsibilities:

- Conducting meticulous analysis of customer requirements and delivering detailed specification documentation to ensure comprehensive project understanding.
- Implementing user-centered design principles to create intuitive and user-friendly interfaces.
- Utilizing Use Case Diagrams (UML) and wireframing techniques to visualize and plan system functionalities.
- Proficient in code refactoring, particularly in JavaScript ECMAScript 6 (ECMAScript 2015), to enhance code quality and maintainability.
- Expertise in managing the software release cycle, utilizing platforms such as Google Play Console and Apple App Store Connect.
- Proficient in campaign creation and tracking, leveraging tools like Google Firebase and Google AdWords (Google Ads).
- Skilled in integrating and utilizing the capabilities of Google Firebase (Realtime Database and Firestore) to develop robust and scalable applications.



Freelance Consultant (Wordpress, Wix and SquareSpace)

Freelancer.com

Apr 2015 - Sep 2019 (4 years 6 months)

Successfully delivered numerous projects, including the development of 30+ themes and plugins.
Specialized in implementing effective Search Engine Optimization and Search Engine Marketing strategies.

Education

Dr M G R Educational and Research Institute

Bachelor's Degree, Computer Science

2011 - 2015

Licenses & Certifications

 **Algorithms and Data Structures Masterclass (2021)** - Udemy

 **Complete Python Bootcamp (2022)** - Udemy

 **TypeScript Essential Training (2023)** - LinkedIn

Skills

Python (Programming Language) • JavaScript • TypeScript • React Native • ECMAScript • Firebase
• Android Development • iOS Development • MobX • Redux