

# Manoj Udeshika

Senior Software Engineer

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Highly accomplished Senior Software Engineer with a proven track record of crafting innovative solutions for intricate challenges. Devoted to staying at the forefront of technological advancements and dedicated to perpetual growth. Proficient in cultivating harmonious team environments through effective interpersonal communication.

## SKILLS

- **Programming Languages:** JavaScript, TypeScript
- **Web Development:** React, NodeJS
- **Mobile Development:** React Native (Expo/CLI), Android (Kotlin, Java), iOS (Objective C, Swift), Redux, GraphQL
- **Version Controls and Software Tools:** Git, VS Code
- **Cloud Services:** AWS, G Clouds, Firebase
- **DevOps:** Docker, Jenkins
- **Problem Solving:** Architectural design, Algorithm design, Debugging
- **Agile/Scrum Methodologies:** JIRA, Confluence, Trello
- **Team Collaboration:** Strong communication and Teamwork skills

## PROFESSIONAL EXPERIENCE

Senior Software Engineer | Surge Global Pte Ltd, Singapore | December 2022 - Present

**Project Planning and Design:** Collaborate with stakeholders, shaping architecture

**Code Development:** Craft maintainable code, ensuring UI integration, backend connectivity.

**Technical Leadership:** Guide juniors, troubleshoot complex issues, stay updated on industry trends.

**Testing and QA:** Execute tests, x glitches, ensure high software quality.

**CI/CD Implementation:** Automate builds, monitor releases, ensure smooth deployment.

**Performance Optimisation:** Analyze and optimize for better user experience.

**Bug Tracking and Resolution:** Prioritize, collaborate to fix issues efficiently.

**Documentation:** Document code, processes for knowledge sharing.

**Communication and Collaboration:** Update progress, collaborate across teams.

**Code Maintenance and Refactoring:** Enhance quality, readability, maintainability. Duties and Responsibilities.

**Highlighted Skills:** TypeScript, React Native, React, Redux, React Query, Jest, Enzyme, AWS, Firebase, Jenkins

Software Engineer | KeenEye Solutions Pvt Ltd, Sri Lanka | April 2020 - December 2022

**Requirement Analysis:** Collaborating to translate stakeholder objectives into feasible technical specs.

**App Design and Architecture:** Crafting scalable, maintainable architecture.

**React Native Development:** Writing efficient code, integrating UI, functionality, and APIs.

**Cross-Platform Compatibility:** Ensuring seamless performance on iOS and Android.

**UI/UX Implementation:** Converting concepts into responsive, animated interfaces.

**State Management:** Implementing Redux/Context API for consistent data flow.

**Testing and Debugging:** Creating tests, rectifying bugs, and enhancing performance.  
**Performance Optimisation:** Profiling and optimizing speed, responsiveness, memory.  
**Version Control and Collaboration:** Git for efficient teamwork and code quality.  
**CI/CD Implementation:** Automating build, test, deployment for reliable delivery.  
**Monitoring and Maintenance:** Swift issue resolution, updates post-launch.  
**Continuous Learning:** Staying current with React Native, refining skills.  
**Duties and Responsibilities**  
**Highlighted Skills:** *JavaScript, TypeScript, React Native, React, Redux, Saga, GraphQL, Jest, Enzyme, AWS*

## Junior Software Engineer | Nuclei Technologies Pvt Ltd, Sri Lanka | September 2019 - April 2020

**Coding and Development:** Efficiently crafting React Native code for iOS and Android apps, focusing on cleanliness and maintainability.  
**Feature Implementation:** Collaborating for new feature integration, aligning with design and user needs.  
**Bug Fixing and Troubleshooting:** Resolving glitches via rigorous testing, debugging, and troubleshooting.  
**Version Control:** Managing codebase through Git, ensuring precise version tracking and smooth teamwork.  
**Code Reviews:** Contributing to code quality and consistency through feedback in reviews.  
**User Interface (UI) Development:** Turning design into seamless, appealing interfaces.  
**Performance Optimisation:** Enhancing rendering, memory, and responsiveness for user satisfaction.  
**Cross-Platform Compatibility:** Ensuring app reliability across devices and platforms.  
**Collaboration:** Teaming up for high-quality app solutions, liaising with stakeholders.  
**Learning and Skill Development:** Adapting skills, staying updated on React Native and trends.  
**Documentation:** Creating, maintaining technical docs for knowledge sharing.  
**Adaptability:** Evolving with tools, tech, project shifts.  
**Testing and QA:** Working with QA for robust pre-deployment testing.  
**Deployment and Release:** Smoothly deploying new features to app stores.  
**Communication:** Effectively updating progress, challenges to stakeholders.  
**Duties and Responsibilities.**  
**Highlighted Skills:** *JavaScript, React Native, React, Redux, NodeJS, Firebase, Swagger*

## EDUCATION

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Bachelor of Science in Information Technology | University of Moratuwa | Sri Lanka | December 2019

## PROJECTS

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Golf Players Guiding Platform with Video Analyser | Surge Global

**Technologies:** *React Native, Redux Rematch, TypeScript, Firebase*

Live Video Chat Dating Platform | Surge Global

**Technologies:** *React Native, Redux, Saga, JavaScript, Firebase, Twilio*

Social Media Platform with E-Commerce Tools | KeenEye Solutions

**Technologies:** *React Native, React Query, TypeScript, Firebase, AWS, G-Maps*

Family Members Medicine Consume Tracking and Managing Platform | KeenEye Solutions

Technologies: *React Native, Redux, Saga, TypeScript, Firebase, G-Maps*

Portable Power Banks Rental Platform | KeenEye Solutions

Technologies: *React Native, Redux, Saga, TypeScript, Firebase, G-Maps*

Vehicle DashCam Video Records Managing Platform | KeenEye Solutions

Technologies: *React, Redux, Saga, TypeScript, AWS, G-Maps*

E-Commerce Platform for Light Machienaries and Knives | KeenEye Solutions

Technologies: *React Native, Redux, Saga, TypeScript, Firebase, G-Maps*

Tracking and Managing Vehicle Charging Points Platform | KeenEye Solutions

Technologies: *React Native, Redux, Saga, TypeScript, Firebase, G-Maps*

E-Commerce Platform for Hardware Tools | KeenEye Solutions

Technologies: *React Native, Redux, Saga, TypeScript, Firebase, G-Maps, Shopify*

Diabetic Monitoring System and Indicating Platform | KeenEye Solutions

Technologies: *React, Redux, TypeScript, Firebase, AWS*

Finance Expenses Managing and Petty Cash Handling Platform | Nuclei Technologies

Technologies: *React Native, Redux, Saga, TypeScript, Firebase*

Global Digital Companies Rating Platform | Nuclei Technologies

Technologies: *React, Redux, JavaScript, Firebase, G-Maps*

Loyalty Rewards Platform for A SuperMarket Chain | Nuclei Technologies

Technologies: *React Native, Redux, Saga, JavaScript, Firebase, G-Maps*

## **PUBLICATIONS**

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A Review of Automated Diagnosis of Glaucoma Using Digital Fundus Images | University of Moratuwa

- International Journal of Advances in Computer Science and Its Applications (IJCSIA) · Dec 27, 2019
- 9th International Conference on Advances in Computing, Control and Networking 2019 (ACCN19) at University of Westminster, London, United Kingdom Organized by Institute of Research Engineers and Doctors (IREDD) · Jul 21, 2019

A Review of Medical Holographic Technology | University of Moratuwa

- Proceedings of 2nd International Conference on Information Technology Research 2017-University of Moratuwa ( ISSN 2012-8662 ) · Dec 15, 2017

## **REFERENCES**

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Available upon request.