

Seralaghan Januyan

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EDUCATION

Sri Lanka Institute of Information Technology

BSc (Hons) in Information Technology Specializing in Information Technology

Sri Lanka

2020 - 2023

TECHNICAL SKILLS

Programming Languages: Dart, Kotlin, Java, Python, JavaScript, SQL, Swift

Libraries and Tools: Flutter, Node.js, React.js, Express.js, Pandas, Numpy, OpenCV

ML/AI Technologies: CNN, YOLO, Transformers (BERT, LSTM), RAFT, TensorFlow, Keras

Cloud Platforms: AWS, EC2, Lambda, Amazon S3, Firebase, Heroku, Vercel

APIs and Databases: REST, MongoDB, MySQL, MSSQL, PostgreSQL

DevOps & Version Control: Git, GithubAction, Jenkins, FastLane

Cloud Platforms: AWS, Azure, Google Cloud Platform

WORK EXPERIENCE

Software Engineer - Team Lead

PayMedia

July 2024 – Present

- Promoted to Team Lead after joining as a Software Engineer, recognizing strong contributions to core mobile applications including “Dhiraagu Pay” and “Commercial Bank”. Successfully managed project milestones and ensured code quality across the team, driving efficient development cycles and cross-functional collaboration. Led the implementation of secure payment features, biometric authentication, and CI/CD pipelines to maintain performance and security in banking solutions.
- *Flutter, REST, Firebase, FCM, CI/CD, Postman, Riverpod, Mobile App Security, Biometrics, Repository, Secure Payment, Secure Storage, Encryption, Bloc, Clean Architecture*

Software Engineer - Project Lead

Apexx Devops

Oct 2023 – July 2024

- Directed the end-to-end development and AWS deployment of RESTful APIs supporting web and mobile platforms. Led Agile project management, ensuring timely delivery of scalable applications while coaching junior developers and interns throughout the SDLC. Oversaw both frontend (mobile) and backend (API) development, integrating advertising platforms and modern architectural patterns.
- *Kotlin(JetpackComposer), Nodejs, REST, Postman, Firebase, Cloud Messaging, Flutter, MVVM, CI/CD, Google Ads, Riverpod Provider, PlayStore, AppleStore*

Software Engineer

MoodForCode

Apr 2023 – Oct 2023

- Collaborated closely with cross-functional teams to deliver a production-ready mobile application published on the Play Store. Practiced Agile methodologies to maintain development velocity and transparency. Integrated features like video calling using WebRTC and Agora SDKs. Applied machine learning models within mobile environments for enhanced functionality and user engagement.
- *Flutter, WebRTC, Insomnia, Agora, Nodejs, MySQL, Firebase, Cloud Messaging, Machine Learning, Google Ads, Digital Ocean, MVVM, GetX, Provider, PlayStore, AppleStore, Google Cloud Platform*

Associate Software Engineer

MoodForCode

July 2022 – Mar 2023

- Developed mobile applications and REST APIs, with successful deployments on the Play Store and cloud servers (DigitalOcean). Took initiative in modernizing legacy applications to meet updated business requirements. Gained hands-on experience in secure mobile development and MVC architecture.
- *Flutter, Nodejs, MySQL, GetX, MVC, Notification, PlayStore, AppleStore*

PROJECTS

Commercial Bank Maldives — Flutter, Springboot, AWS, Bloc, Clean Architecture

2025

Building a banking app that provides secure and convenient financial services, such as money transfers, payment requests, and various banking features. The app is designed to enhance user experience by enabling seamless financial management with real-time transaction tracking, account management, and customized notifications. Incorporating secure APIs to ensure data protection and adherence to industry regulations.

DhiraaguPay Maldives — Flutter, Springboot, AWS, Bloc, Clean Architecture

2024

Developed banking app offering secure and convenient financial services, including money transfers, payment requests, and additional banking functionalities. The app empowers users to manage their finances seamlessly with features like real-time transaction tracking, account management, and personalized notifications. Integrated using secure APIs to ensure safe data handling and compliance with

industry standards.

- **AKCN — Kotlin,MVVM,NodeJS, PostgreSQL ,DigitalOcean** **2023**
Developed a mobile app with REST API integration, featuring JWT authentication for secure access. Incorporated geolocation for real-time tracking, push notifications for timely updates, and OTP verification for enhanced security. Followed best practices in development, including testing and documentation, ensuring reliability and scalability.
- **APAN Collection — Flutter,Repository,Provider NodeJS, MYSQL, DigitalOcean** **2023**
Developed a mobile application and backend system with push notification capabilities, meter reading utilizing machine learning algorithms, and offline functionality. Integrated advanced features to ensure seamless user experience and data accuracy.
- **MatchDate — Flutter, Firebase ,WebRTC, GetX ,MVVM** **2022**
Designed and developed a comprehensive mobile application with backend support, enabling push notifications and facilitating one-to-one messaging, video, and audio calls. Additionally, incorporated group messaging and group call functionalities, providing seamless communication experiences for users.
- **Mangakiku— Flutter, Java, MYSQL ,GetX ,MVVM , DigitalOcean** **2022**
Developed a responsive mobile app featuring push notification functionality, offline mode support, and single sign-on (SSO) integration. Ensured seamless user experience across devices with robust performance in both online and offline environments.

RESEARCH

Tellie Mobile App

- **Collaboration with Thamali Dassanayake and Sanduni Perera** **2023**
Co-developed Tellie, an innovative mobile application that transforms written text into dynamic audio, delivering an immersive storytelling experience through emotion-infused narration. Engineered features to analyze and apply emotional tone at the sentence level for vivid expression and maintain contextual emotion at the paragraph level for fluid and compelling storytelling. The app redefines user engagement by seamlessly integrating emotional cues into audio narratives, enhancing accessibility and entertainment value.

PUBLICATIONS

Emotional Storyteller for Vision Impaired and Hearing-Impaired Children - [Link](#)