

Arkar Min Tun

Lead Software Engineer

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📅 18th December 1994 🔗 <https://arkar.dev> 🇲🇲 Myanmar 🗣 He/Him 🌐 arkarmintun

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Summary

Fullstack Software Engineer with 7+ years of experience crafting user-centric applications across mobile, frontend, and backend. Proven track record of delivering high-performance, scalable solutions using React, React Native, Flutter, Next.js, and Node.js. Agile team player with a passion for learning and tackling new challenges.

Professional Experience

Lead Software Engineer

August 2024 – present | Singapore

Lionsbot 📄

- Led the development of innovative front-end applications for web, mobile, and human-machine interfaces, delivering exceptional user experiences and delighting global customers.
- Collaborated closely with designers and stakeholders to rapidly prototype and explore the boundaries of front-end possibilities.
- Brainstormed and conceptualized innovative software solutions that addressed real-world problems and provided tangible value to users.
- Wrote high-quality, well-structured, and maintainable code that adhered to industry best practices for security, scalability, and testability.
- Thoroughly documented and maintained software features and functionalities, ensuring comprehensive knowledge sharing and future-proofing.
- Agile Development: Embraced agile methodologies to execute the full software development life cycle (SDLC) with speed and efficiency.
- Stayed up-to-date with the latest front-end technologies and frameworks, experimenting with new approaches to ensure our products remained cutting-edge.
- Mentored and provided technical guidance to junior front-end engineers, fostering their professional growth and development

Senior Software Engineer

May 2023 – May 2024 | Singapore

Homage 📄

- Led the development and migration of cross-platform mobile apps using React Native, streamlining the process and enhancing the user experience for both Care Owners and Care Professionals applications.
- Migrated native implementations to React Native, achieving a 50% reduction in size, a 30% reduction in development time, and improving code maintainability.
- Optimized app performance for Android and iOS, resulting in a decrease in faster loading times and battery consumption.
- Collaborated effectively with designers and developers within the Agile framework, leveraging Scrum and CI/CD practices to deliver high-quality software on time and within budget.
- Proactively participated in daily stand-ups and sprint retrospectives, identifying and resolving roadblocks to ensure smooth project progression.
- Implemented a comprehensive testing strategy, identifying and fixing bugs to guarantee application stability and functionality.

Software Engineer

March 2022 – May 2023 | Malaysia

Pickles Auctions 📄

- Delivered high-performing and scalable fullstack applications for Pickles Auctions, utilizing a diverse tech stack including Next.js, React Native, Express.js, Nest.js, and AWS cloud technologies.

- Enhanced real-time auctioning features with Socket.io in both web and mobile, leading to an increase in user engagement and experience during live auctions.
- Optimized application performance and scalability, utilizing CI/CD practices and cloud infrastructure (ECS, EC2, S3, etc.) to ensure a smooth user experience and handle peak loads.
- Collaborated effectively with designers and developers within an Agile team, leveraging Scrum and CI/CD to deliver high-quality web and mobile applications on time and within budget.
- Implemented comprehensive testing strategies using Jest, Mocha, and Detox, ensuring application stability and functionality through proactive bug identification and resolution.

Software Engineer

December 2020 – March 2022 | Remote

Scopic Software [🔗](#)

- Successfully developed and delivered user-friendly features for various client projects utilizing React, React Native, Flutter, Node.js, and other modern technologies.
- Collaborated closely with designers and product managers to understand client requirements and translate them into technical solutions.
- Worked within agile methodologies (e.g., Scrum) to deliver projects on time and within budget.
- Participated in code reviews and knowledge-sharing sessions to contribute to team learning and development.
- Implemented robust testing strategies using Jest and Mocha ensuring application stability and functionality.

Software Engineer (Unity, Android)

December 2017 – July 2020 | Myanmar

360ed [🔗](#)

- Analyzed and implemented business requirements into functional features
- Developed and maintained augmented reality (AR) applications for mobile devices using Unity, Java and Kotlin
- Worked with a team of engineers and designers to create innovative and user-friendly AR experiences.
- Implemented AR features, such as tracking, occlusion, and object recognition.
- Implemented features such as networking, data storage, and user authentication.
- Optimized applications for performance and battery life.
- Tested applications and fixed bugs.

Education

Bachelor's Degree - Computer Science

Present | Online

University of the People

Bachelor's Degree (Hons) - Nautical Science

December 2011 – September 2016

Myanmar Maritime University

Yangon, Myanmar

Diploma in Informtaion Technology

December 2010 – December 2011

Yangon University of Distance Education

Yangon, Myanmar

Certificates

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning [🔗](#) , AWS Cloud Practitioner Essentials [🔗](#) , AWS Technical Essentials [🔗](#) , Exploring GraphQL [🔗](#) , Graph Developer - Associate [🔗](#) , Developing Cloud Native Applications [🔗](#) , Introduction to Cloud Computing [🔗](#) , Introduction to Mobile Development [🔗](#) , Introduction to Web Development with HTML, CSS, JavaScript [🔗](#)

Languages

Burmese, English

Skills

React		Next.js	
Redux		Redux-Toolkit	
React Native		Nest.js	
Express.js		RESTful	
Debugging		Self-Study	
Websocket		Android (Java, Kotlin)	
Flutter		GraphQL	
SQL		PostgreSQL	
MongoDB		Firebase	
AWS		CI/CD	
Docker		iOS (Swift)	
Terraform			

Organizations

Google Developer Group Yangon <i>Lead Organizer</i>	Yangon, Myanmar
Flutter Yangon <i>Co-organizer</i>	Yangon, Myanmar

Projects

Homage

- *Projects:* Care Owner App (Android [🔗](#) | iOS [🔗](#)), Care Pro App (Android [🔗](#) | iOS [🔗](#))
- *Techstack:* Typescript, Javascript, React Native, React, Redux, Redux Toolkit, Github Actions, Fastlane.

Pickle Auctions

- *Projects:* Pickles Auction App (Android [🔗](#) | iOS [🔗](#)), Pickles Auction Web App [🔗](#)
- *Techstacks:* Typescript, Javascript, Next.js, React Native, React, AWS, IAM, Lambda, SQS, SNS, EC2, Terraform, DevOps, Cloudwatch, Datadog, Sentry, RethinkDB, PostgreSQL, SQL, Express.js, Node.js, Nest.js, Moleculer, Elasticsearch, Redux, Redux Toolkit.

Scopic Software

- *Projects:* Petrachor [🔗](#), Pro Pics [🔗](#), Mind Lightz [🔗](#), Accel [🔗](#)
- *Techstack:* Typescript, Javascript, React, React Native, Expo, Flutter, Three.js, Java, Kotlin, Redux, Redux Toolkit.

360ed

- *Projects:* Dat Thin Pone Chemistry [🔗](#), Dat Thin Pone Biology [🔗](#), Dat Thin Pone Physics [🔗](#), Grade One English [🔗](#), Electric Circuit (Android [🔗](#), iOS [🔗](#)), BayKin [🔗](#)
- *Techstack:* Unity, C#, Java, Kotlin, Javascript, Node.js, Express.js

Freelance

- *Project:* GoldenStarMM
- *Techstack:* Typescript, Nest.js, Next.js, RethinkDB, Websocket, PostgreSQL, SQL