

# Md. Sadidur Rahman

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## Senior iOS Mobile Software Engineer

I am a passionate iOS Engineer with over 6 years of experience specialising in iOS development using Swift. My focus has always been on crafting intuitive and engaging applications that enhance user experiences throughout my career. I am currently pursuing my Master's degree at Tampere University. Moreover, besides mobile development right now I am expanding my skill set to include React, which enables me to build dynamic applications efficiently. I thrive in collaborative environments and am eager to apply my skills to innovative projects that push the limits of mobile technology.

### WORK EXPERIENCE

#### Software Engineer III (iOS)

06/2018 - 12/2023

##### Pathao Ltd.

- Developed core features for Pathao's payment, food, and ride-sharing applications in Swift, enhancing user experience and operational efficiency.
- Optimised development workflows by implementing Agile methodologies and Git version control, facilitating smoother collaboration and reducing overall development time.
- Integrated third-party analytics and localization tools, expanding the app's accessibility to global markets and providing a more personalised user experience.
- Led R&D efforts for basic knowledge of ARKit and implemented best practices in UI localization, preparing the app for future expansions and ensuring robust accessibility standards.

#### iOS Developer

07/2017 - 06/2018

##### Binary Ventures Limited

- Built and maintained the iOS system for Druto, a ride-sharing app, with a strong focus on user-friendly design, leading to positive feedback and improved app usability.
- Utilised Agile development practices, advanced UI design patterns, and location-based service frameworks to deliver feature-rich functionality, supporting real-time services for the app's user base.

### SKILLS & COMPETENCIES

- **Mobile Development Expertise:** 6+ years of experience in native iOS development using Swift, with a strong

ability to design, develop, and implement complex applications.

- **Database Design & Management:** Proficient in Core Data, Firebase, MySQL, and SQLite for effective data management and optimization.
- **Programming Languages:** Strong knowledge of Swift, C, C++, C#, Java, Python, and JavaScript.
- **Push Notification:** knowledge of push notification and message module system into the app with web socket(Starscream).
- **API Development & Integrations:** Skilled in API integrations and developing web services for seamless communication between systems.
- **Version Control Systems:** Expertise in Git (GitHub, GitLab, BitBucket) for efficient collaboration and code management.
- **Agile Methodologies:** Experienced in Scrum and Kanban frameworks, adept at sprint planning, daily stand-ups, and retrospectives.
- **Testing & Quality Assurance:** Proficient in unit testing and test-driven development (TDD) to ensure high-quality code.

- **Cloud Computing & Infrastructure:** Familiarity with cloud services and infrastructure design for scalable applications.
- **User Experience & Interface Design:** Knowledge of iOS frameworks (UIKit, ARKit, AVFoundation, Core Animation) for creating intuitive user interfaces.
- **Third-Party Integrations:** Experience with CocoaPods and integrating various third-party libraries for enhanced functionality.
- **Performance Optimization:** Skilled in using tools like instruments for performance analysis and optimization.
- **Task Management Tools:** Slack, WorkPlace, Trello, Jira—issue tracking and Agile project management.
- **Tools:** XCode, VSCode, QT Creator, PyCharm, NetBeans, IntelliJ, Eclipse, Postman, Swagger.
- **Value-Added Skills:** Basic experience in JavaScript, familiarity with microservices architecture, and a proactive approach to learning and innovation.

## EDUCATION

### Master of Science in Software, Web, & Cloud

Tampere University

08/2023 - Present

### Bachelor of Science (Engineering) in Computer Science and Engineering 01/12- 07/2017

Mawlana Bhashani Science Technology University