AMAN MAHARJAN
Senior Software Engineer

SUMMARY

- Full-stack engineer with 6+ years of expertise in TypeScript, React, React Native, Node.js, and .NET Core, delivering scalable B2B and healthcare applications with 40% latency reduction through query optimization.
- Proficient in integrating analytics SDKs (Mixpanel, Firebase, AdMob) and implementing secure JWT authentication and role-based access control in cross-platform mobile apps.
- Experienced in CI/CD pipelines using GitLab CI/CD, automated testing (Jest, Cypress), and cloud deployments on AWS and Docker, enabling rapid iterative releases and A/B testing.
- Strong background in SQL databases (PostgreSQL, MySQL, SQL Server) with advanced query optimization for analytics-driven growth metrics.
- Holds an MSc in Computer Science and IT, skilled in modular architecture, feature flags, and AI-augmented development to accelerate coding and improve UX flows.

TECHNICAL SKILLS

Main Technical Skills	TypeScript (6 yr.), React (6 yr.), React Native (6 yr.), Node.js (6 yr.), .NET Core (8 yr.)
Programming Languages	Objective-C (5 yr.), Swift (5 yr.), TypeScript (6 yr.)
Android Libraries and Tools	Android APIs
.NET Platform	ASP.NET MVC (8 yr.), Entity Framework (8 yr.), Identity Server (5 yr.), .NET Core (8 yr.), Razor Pages
PHP Frameworks	CakePHP, CodeIgniter, Slim
C++ Libraries and Tools	C/C++/C# (8 yr.)
Mobile Frameworks and Libraries	Crashlytics (3 yr.)
JavaScript Frameworks	D3.js, jQuery, Node.js (6 yr.), React (6 yr.)
JavaScript Libraries and Tools	Expo, Mobx, React Native (6 yr.), Redux-Saga (5 yr.), Redux-toolkit (5 yr.)
Data Analysis and Visualization Technologies	Mixpanel (3 yr.)
Databases & Management Systems / ORM	MySQL (8 yr.), PostgreSQL (5 yr.)

UI Frameworks, Libraries, and Browsers	Bootstrap 4, Chart.js, CSS, D3.js, HTML, jQuery, Storybook, TinyMCE
Cloud Platforms, Services & Computing	AWS (5 yr.)
Amazon Web Services	AWS SAM
Azure Cloud Services	Azure Cloud Functions
QA, Test Automation, Security	Allure Report (8 yr.), Cypress (5 yr.), Jest (5 yr.), Unit Testing, xunit
SDK / API and Integrations	Android APIs, RESTful API
Collaboration, Task & Issue Tracking	Asana, Atlassian Trello, Jira
Version Control	BitBucket, Git, Github Actions
Virtualization, Containers and Orchestration	Docker (5 yr.)
UI/UX/Wireframing	Figma, Prototyping
Deployment, CI/CD & Administration	GitLab CI (5 yr.)
iOS Libraries and Tools	MDM (5 yr.), SwiftPM, SwiftUI, UIKit
Methodologies, Paradigms and Patterns	microservices architecture, MVC, MVVM
Platforms	Unity
Third Party Tools / IDEs / SDK / Services	Visual Studio, XCode
Other Technical Skills	AdMob (3 yr.), cocos2d, LINQ to SQL (8 yr.), repositories, svg-sprite

WORK EXPERIENCE

Freelance React Native Engineer, Freelance React Native Engineer

Duration: 07/2025-Present
Responsibilities: Develop and maintain web applications; collaborate in Agile teams; integrate frontend with backend APIs; implement secure authentication; contribute to CI/CD pipelines and automated testing.
Technologies: React, TypeScript, Redux Toolkit, .NET Core, Node.js, JWT, RESTful APIs, GitLab CI/CD, Jest, Cypress, AWS, Docker

Senior Freelance React Native Engineer, Cross-platform B2B Mobile Applications

Duration: 02/2021 – 07/2025
Responsibilities: Develop and maintain mobile apps; integrate backend APIs; implement authentication and security; automate CI/CD pipelines; client collaboration; code reviews and

testing.
Technologies: React Native, TypeScript, Redux Toolkit, .NET Core, PostgreSQL, GitLab CI/CD, Jest, Cypress, AWS

CEO & Lead Developer, IMAFY Healthcare App

Duration: 02/2020 – 08/2023
Responsibilities: Lead development of healthcare app; migrate legacy modules; implement state management and authentication; collaborate with designers; optimize performance; automate testing and deployment.
Technologies: React Native, Redux Toolkit, JWT, .NET Core, Docker, GitLab CI/CD, PostgreSQL

Freelance React Native Developer, Healthcare and Logistics Mobile Applications

Duration: 05/2020 – 09/2020
Responsibilities: Develop mobile apps; implement authentication; enhance UI; integrate third-party services; collaborate with backend developers.
Technologies: React Native, Redux, AsyncStorage, SMS OTP APIs, Cloud Sync

Freelance .NET Consultant / Developer, School Management System

Duration: 02/2020 - 04/2023
Responsibilities: Consult on school management system; develop new features; create reports; write stored procedures; migrate legacy systems.
Technologies: C#, ASP.NET, SQL Server, Crystal Reports, LINQ to SQL

Senior .NET Developer, School Management System

Duration: 11/2012 – 02/2020
Responsibilities: Maintain and extend school management system; develop features; design reports; optimize database; collaborate with clients; migrate legacy systems.
Technologies: C#, ASP.NET, Entity Framework, WinForms, Crystal Reports, T-SQL, LINQ to SQL

Senior Freelance Web Developer, Revenue Entry System Enhancements

Duration: 01/2018 – 01/2019
Responsibilities: Develop new features; implement user activity history; add notice board; migrate web app and database to new server.
Technologies: MySQL, TinyMCE, CentOS, Web Technologies

Software Developer, iOS Game Development

Duration: 01/2012 - 12/2020
Responsibilities: Develop iOS games; maintain full-stack apps; add features; create templates.
Technologies: Swift, Sprite Kit, Unity 3D, ARKit, C#, PHP, HTML, JavaScript, CSS, PayPal Integration

iOS Game Developer, Maze Arcade Game Development

Duration: 02/2016 – 06/2017
Responsibilities: Develop game; design levels; implement AI; integrate analytics; monetize app; collaborate with team.
Technologies: Cocos2d, Sprite Kit, Swift, Objective-C, Mixpanel, AdMob, Chartboost

EDUCATION

- **MSC IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY**
  Tribhuvan University, Kirtipur, Nepal
  2018-
- **BSC IN COMPUTER SCIENCE**
  Amrit Science College Tribhuvan University, Kathmandu, Nepal
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