Mobile application development

Nash Tech.

Deliver the anytime, anywhere experiences your users expect with custom and intuitive mobile applications powered by a flexible architecture

NashTech provides a full range of end-to-end mobile application development services including user interface/user experience (UI/UX) design, development, testing and continuous integration and continuous delivery/deployment (CI/CD).

We help you develop secure, compliant and scalable mobile applications by embedding security (OWASP MASVS), accessibility (WCAG), performance optimisation and automated testing (via Appium) into every stage of development. We are also experts in native platforms such as iOS and Android, using Swift, Kotlin,

Java and Objective-C, as well as modern cross-platform solutions like React Native, Flutter, .NET MAUI and hybrid/PWA approaches (such as Ionic, Capacitor, React and Angular).

Our team's architectural experience spans MVC, MVVM, Modular, and Clean Architecture patterns. Our scalable and modular delivery strategies enable you to deliver super apps. You can also accelerate development time with our advanced AI code assistant, which enhances code quality and provides intelligent suggestions tailored to your project structure and domain.

Solve your mobile application development challenges

Security

Security is a critical non-functional requirement (NFR), but legacy apps may not have been built with the same level of protection, leading to vulnerabilities.

Skills shortages

Mobile developers with deep knowledge of native development, strong design capabilities and knowledge of different companies and sectors are in short supply.

Regression testing

Manual regression testing is time-consuming and prone to human error, which makes it difficult to maintain app quality and speed up development cycles.

Identifying the right mobile framework

It is essential to find the right mobile framework, but it is easy to make the wrong choice without the right expertise.

A team to cover all stages of development

Maintaining an in-house team covering requirement analysis, development, testing, CI/CD, optimisation and security is difficult.

Benefits of mobile application development with NashTech

Super app enablement with repack.js

Solve the complexity of managing multiple services within a single mobile platform. Enabling technologies: Repack.js, React Native, microfrontend approach.

Automated regression testing with Appium

Improve app reliability, reduce quality assurance (QA) costs and accelerate feedback loops. Enabling technologies: Appium, BrowserStack, Sauce Labs.

Mobile security compliance

Tackle security and compliance concerns by embedding security best practices such as secure key management and encrypted communication. Enabling technologies: OWASP MASVS, Secure Enclave, Android Keystore, end-to-end encryption.

Full end-to-end CI/CD Automation

Reduce time-to-market and errors, while scaling delivery with confidence. Enabling technologies: Jenkins, GitHub Actions, Fastlane, Bitrise, Firebase App Distribution.

Accessibility and inclusivity by design

Comply with legal and user inclusivity mandates. Enabling technologies: WCAG 2.1 guidelines, native accessibility APIs (iOS/Android).

Flexible Mobile Architecture (MVC, MVVM, Modular, Clean Architecture)

Ensuring long-term maintainability, scalability and quicker onboarding of developers. Enabling technologies: Native Android/iOS, React Native, Flutter, .NET MAUI.

Modern and secure apps – released faster

NashTech mobile app development services cover it all – from robust architecture and automated testing to encryption – so you can deliver a modern, secure app experience.

- **Automation and CI/CD pipelines**
  Automate testing, build and deployment to release new features faster and more reliably, speed up development and get your apps to market quicker.

- **Secure, compliant and scalable**
  Ensure your apps are secure, compliant and ready for growth. We are OWASP MASVS compliant and use encrypted communication and scalable architecture.

- **Speed up regression testing and improve quality**
  Use Appium to reduce QA overhead and catch issues early. You increase release confidence and reduce the cost of errors, while boosting productivity and user satisfaction.

- **Modernise legacy systems and mitigate risk**
  By providing deep expertise across mobile frameworks and robust architecture design, we enable a smooth technology transition without service disruption.

- **Super app enablement**
  Launch multiple services within a unified mobile app to increase revenue and deliver richer user experiences thanks to centralised control with Repack.js super app infrastructure.

Your trusted mobile application development partner

With expertise in software engineering, quality assurance, API integration, artificial intelligence (AI), cloud architecture, data management and analytics, our team ensures your software is innovative, reliable and strategically aligned with your objectives.

- **Flexible and scalable resourcing models.** Meet your strategic and technology goals efficiently and drive revenue and profitability.

- **Project delivery that balances innovation and risk.** Solve your toughest challenges through collaborative relationships and processes.

- **AI ready for substantial productivity gains.** Full AI options for the software development lifecycle (SDLC).

- **Exceptional quality assured.** We measure and continuously improve in terms of the overall quality accreditations we hold, the quality management system we deploy and at a detailed level within the SDLC.

Contact us

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