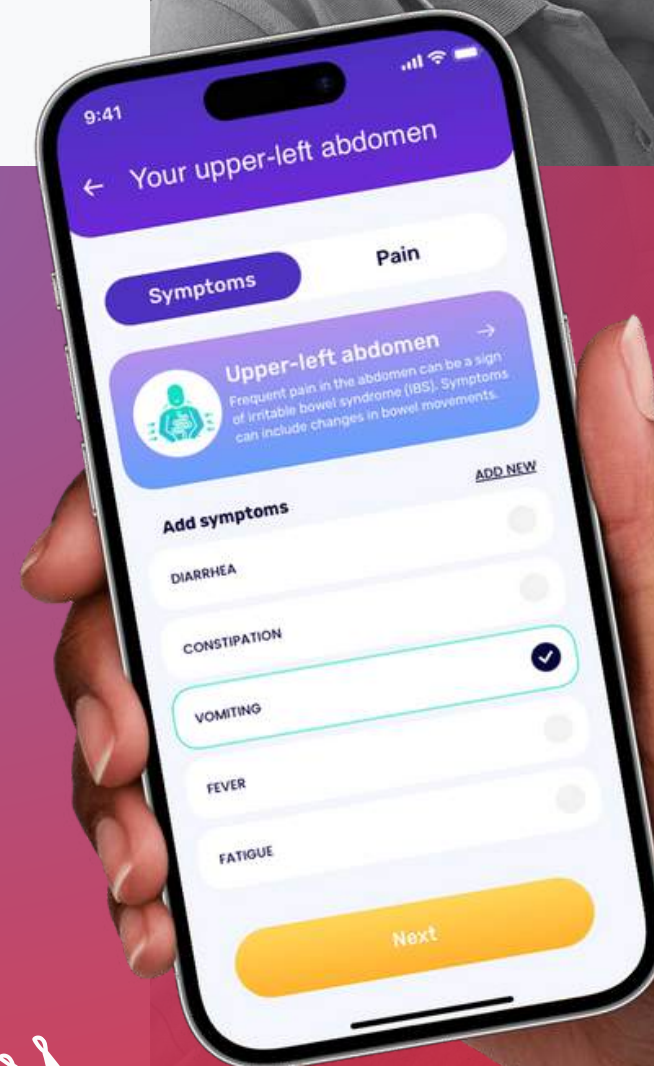# Empowering Accurate Diagnoses with AI-Driven Health Monitoring

Harnessing AI to reduce medical diagnostic errors by enabling patients to seamlessly track, record, and share health data, following HIPPA compliance and other standard guidelines to fetch timely and effective current health status.

Healthcare Success Story

Mobile Application Development

iProgrammer

Your Programming Partner

iProgrammer, in a nutshell

17 Years of Excellence
For 17 years, iProgrammer has excelled in bespoke product engineering and more.

300+ Products Live
Successfully delivered premier products across both web and mobile platforms to date.

Fortune India 500
iProgrammer has been the technology partner to Fortune India 500 - Hero Corp, Tata Communications and HDFC.

350+ Tech Team
We are more than 350 tech experts with a strong background in various leading technologies.

4 Million DAUs
Our B2C mobile application developed for Vodafone-Idea currently has 4 million daily active users (DAUs).
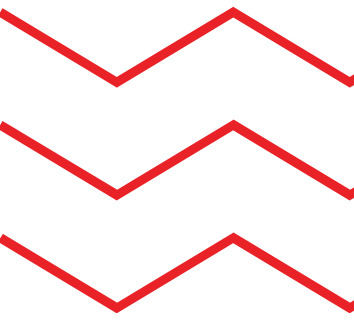
128 Million End Users
Our applications have been utilized by around 128 million end users globally.
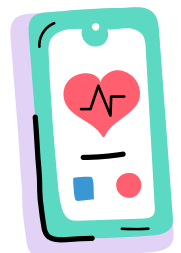
Pain Points

In the United States, **12 million people** are affected by medical diagnostic errors each year. An estimated **40,000 to 80,000 people die** annually from complications from these misdiagnoses. This comes at a staggering **cost of $770bn** each year, lost through misdiagnosis.

Business Requirement

Built an innovative mobile healthcare application that will empower to take control of individual's health.

To build an app that can become user's personal health management tool.

Focus on capturing and tracking pains and symptoms for comprehensive records of heath conditions, whilst empowering doctor-patient relationship.

Effortlessly capture and track pains and symptoms for comprehensive records of user's health condition.

Record, Track and Share. All in one application.

Solution

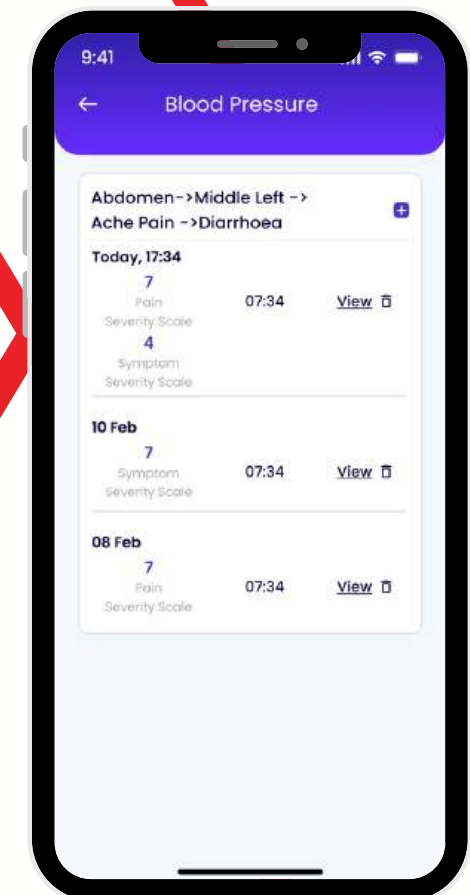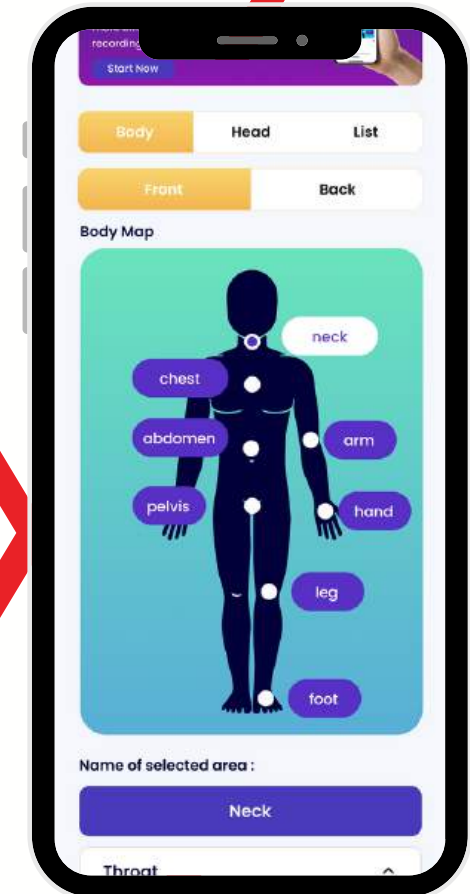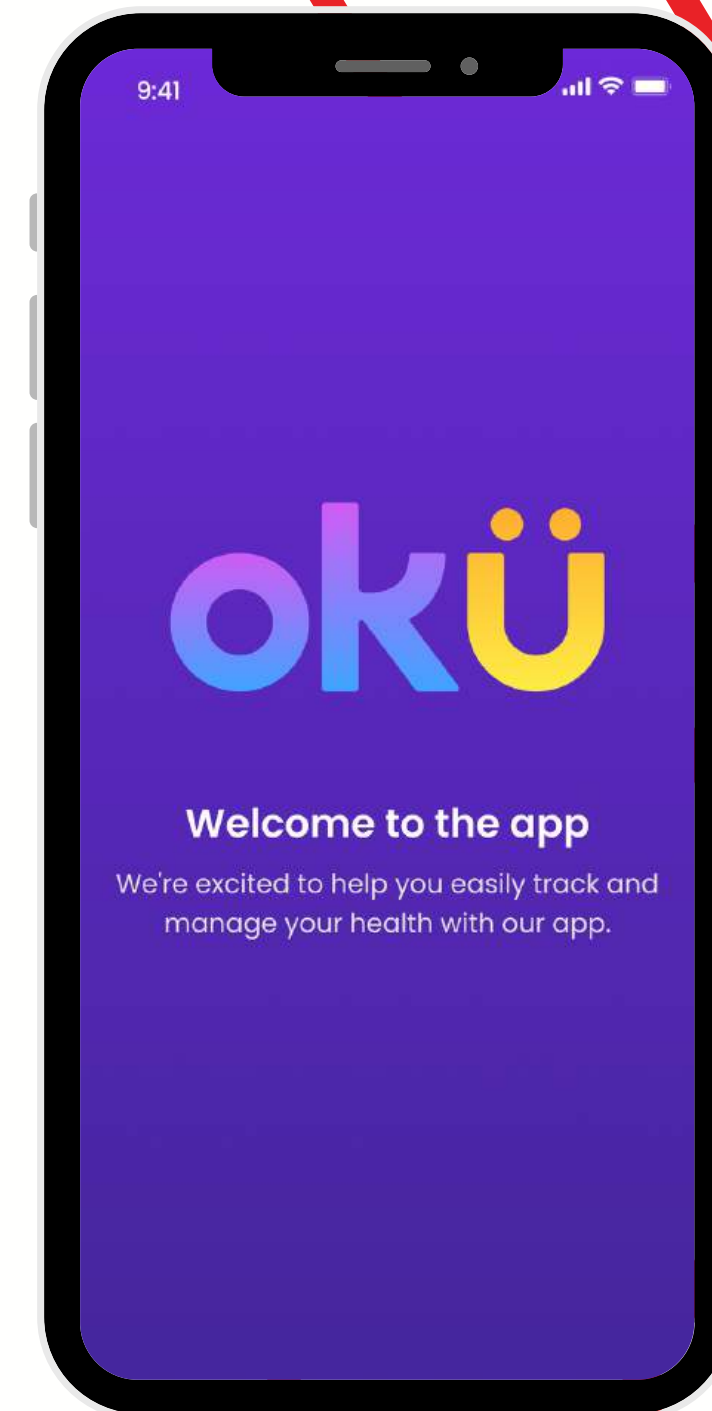We crafted an app that tracks Health Data – Symptoms & Pain – Select Body and Pain and Severity

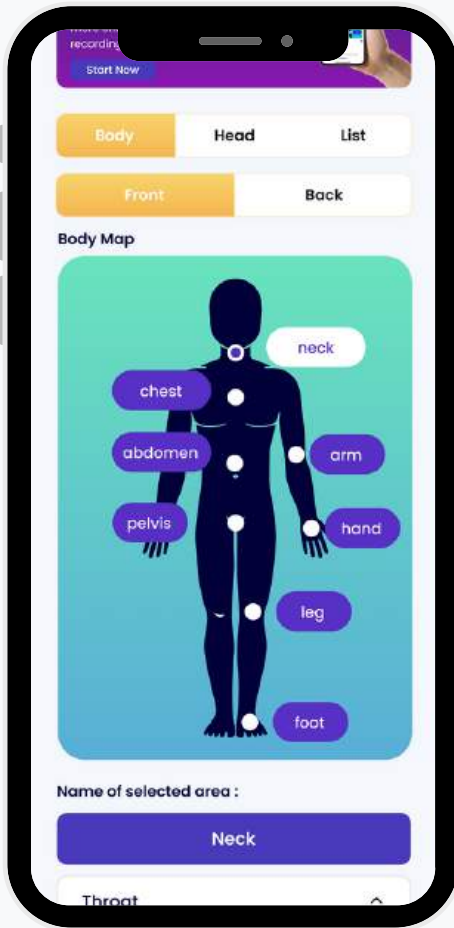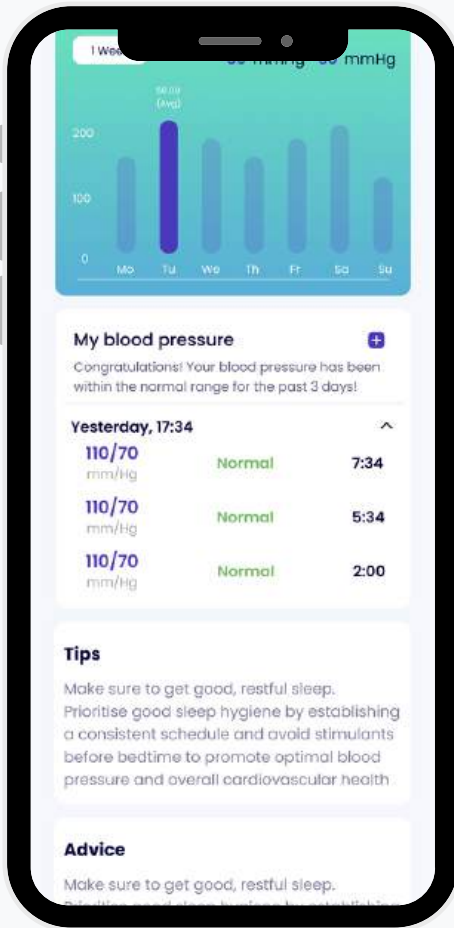Bluetooth connectivity also allows smart-device uploading of your vitals.
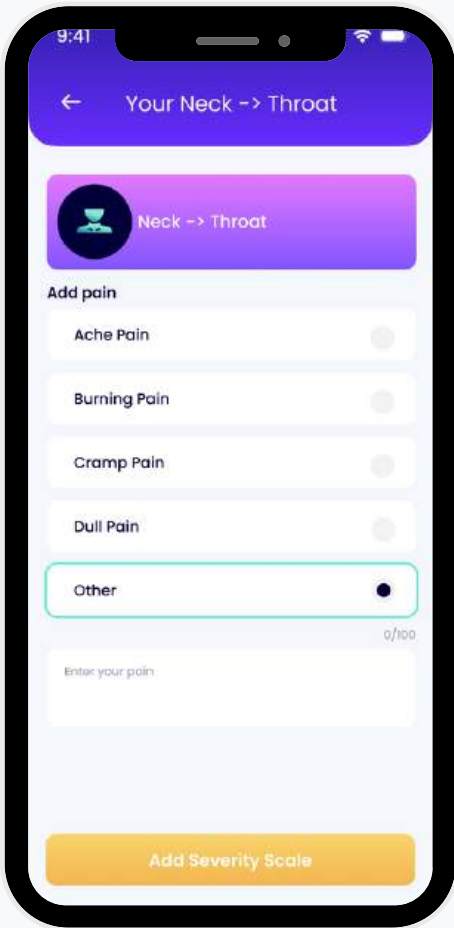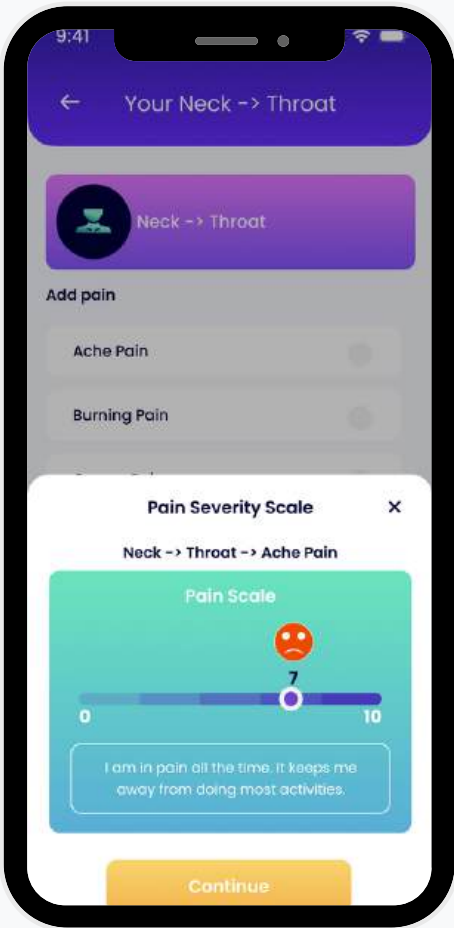
Minimum-clicks and speech-to-text self-recording of pains and symptoms as they occur. Special attention to elderlies.
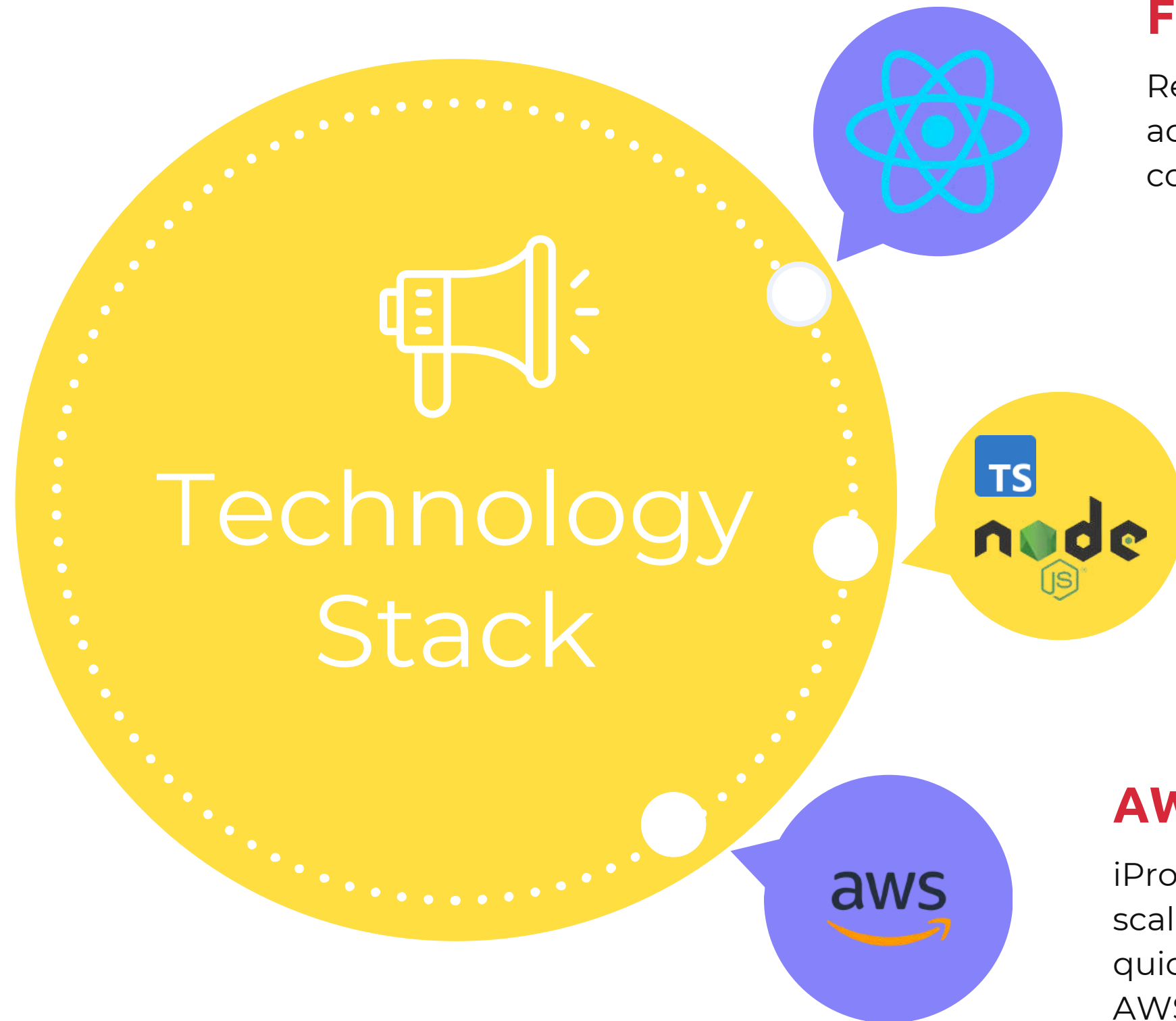
AI-enhanced technology identifies health trends, patterns and insights, to build empowering health awareness that can contribute to the complete clinical picture that diagnosis needs.

okü

Glimpse of OKU Healthcare Mobile Application

![iProgrammer - Your Programming Partner]

![oKÜ]

Technology Stack

Front End - React Native

React Native's performance is near-native, thanks to efficient rendering and access to native components. The framework's vast ecosystem and reusable components make development faster and more scalable.

Back End - Node JS (TypeScript)

We chose Node.js with TypeScript for backend due to its scalability, static typing for maintainable code, and non-blocking architecture that boosts performance in I/O-heavy apps. It also enables seamless full-stack JavaScript development.

AWS Serverless

iProgrammer used AWS Serverless for mobile apps to boost scalability, cut costs, and reduce operational complexity. It enables quick deployment, automatic scaling, and seamless integration with AWS services, ideal for dynamic mobile environments.

What do we offer?
Our Services

Product Engineering

- UI/UX Engineering
- Web Application Development
- Mobile App Development
- Backend/Middleware Development
- Frontend Development
- Data Analytics
- Legacy System Modernization

Cloud & DevOps

- Cloud Consulting
- DevOps Consulting
- DevSecOps Consulting
- CI/CD & Infrastructure Automation
- Kubernetes Adoption

Internet of Things (IoT)

- Device Connectivity
- Data Analytics and Visualization
- Security Solution
- Cloud Integration and Management

Startup Consulting

- Product/MVP Development
- Statutory Compliance Consulting
- Technology Consulting
- Application Development
- UI/UX Design and Business Branding
- Customer Experience Strategy

LET'S BREW SOME COFFEE TOGETHER.

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