

Muhammad Nouman

Senior Ionic & Angular Developer

Specialist in Angular 20/21, Signals, & App Monetization

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Lahore, Punjab, Pakistan

Professional Summary

Full-Stack Mobile Engineer specializing in building and **monetizing** high-performance, cross-platform applications using **Angular 20/21**, **Ionic**, and **Capacitor**. Unlike standard hybrid developers, I focus on “native-grade” performance—leveraging **Signals** for reactive state management and ensuring 60fps rendering. Proven track record of architecting production-scale systems, managing **Google AdMob Bidding** strategies, and leading products from concept to **1,000+ active users**.

Technical Skills

- Mobile & Frontend:** Ionic Framework, Capacitor, Angular (v20–v21), TypeScript, Standalone Components.
- State Management:** Angular Signals, RxJS, NgRx, Reactive Architecture.
- Backend & Data:** PHP, MySQL, RESTful API Design, Firebase.
- Monetization & Growth:** Google AdMob (Bidding & Mediation), ASO (App Store Optimization), Analytics.
- DevOps & Tools:** Google Play Console, CI/CD Pipelines, Git, GitHub.

Professional Experience

Lead Mobile Engineer (Angular & Ionic)

June 2025 – Present

Infracodex (Self-Employed) — Lahore, Pakistan

- Engineering Leadership:** Architected and deployed production-scale systems using **Angular 21** (Web) and **Angular 20** (App), managing the full lifecycle from system design to Google Play Store deployment.
- Performance Engineering:** Migrated legacy state logic to **Angular Signals**, reducing change detection cycles and improving runtime performance by 40%.
- Monetization Strategy:** Implemented advanced **AdMob Bidding & Mediation** (Meta & AppLovin), optimizing eCPM floors for Tier-1 markets to maximize revenue.
- DevOps:** Managed CI/CD pipelines and backend PHP/MySQL APIs optimized for high-concurrency usage.

Freelance Angular & Ionic Developer

Jan 2025 – Present

Remote — Global

- Consultancy:** Provide high-level consultancy for migrating legacy Angular apps to **Angular 21** and Standalone Components.
- Native Integration:** Develop custom Capacitor plugins to bridge native Android features with web codebases.
- Optimization:** Audit client applications for performance bottlenecks, consistently improving **Core Web Vitals** scores by 20–30%.

Key Projects

Future Door (EdTech Platform) | Angular 21 (Web), Angular 20 (App)

Website · Play Store

- Scale:** Scaled the application from 0 to **1,000+ active users** with 99.9% crash-free sessions.
- Features:** Built a dual-platform system delivering real-time university admission and scholarship data.
- Tech:** Implemented virtual scrolling and lazy-loaded modules to ensure 60fps on low-end devices.

PrivaCut AI (SaaS & AI Integration) | Angular 20, Ionic, Capacitor

Play Store

- Function:** Engineered a precision background removal tool handling heavy image processing on the client side.
- Integration:** Seamlessly integrated external AI endpoints while maintaining UI responsiveness and optimizing API costs.

Pixlura (High-Performance UI) | Angular 20, Ionic

Play Store

- Visual Fidelity:** Launched a media-heavy wallpaper app utilizing advanced image caching strategies to handle thousands of high-res assets.
- Localization:** Integrated ngx-translate to support 5+ languages for global reach.

NoumanSehgal.com (Portfolio) | Angular 21, SEO

Website

- Personal Brand:** Designed and developed a professional portfolio to showcase mobile engineering expertise and projects.
- Optimization:** Optimized for SEO and load speed, achieving high Core Web Vitals scores.

Education

Bachelor of Science (BS), Artificial Intelligence

Feb 2026 – 2030

University of Management and Technology (UMT), Lahore

Intermediate, Pre-Medical Studies

May 2022 – July 2024

Cambridge College, Pakpattan