

# Muhammad Ahsan Farooq

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## Summary

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Senior Software Engineer with 6 years of experience delivering scalable, high-performance applications using React Native, React.js, Next.js, and TypeScript, along with 2 years of hands-on expertise in ASP.NET Core, ASP.NET MVC, SQL, and Azure DevOps. Proven ability to debug complex issues, lead teams, mentor developers, and collaborate effectively across functions. Strong focus on clean architecture, performance optimization, and maintainable code.

## Technical Skills

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**Languages:** JavaScript, TypeScript, C#, SQL

**Frontend:** React.js, React Native, Next.js, Tailwind CSS, Material UI, Craft.js, Slate.js, Fabric.js

**Backend:** Node.js, Express.js, ASP.NET Core, ASP.NET MVC, .NET Framework

**State Management:** Redux Toolkit, React Query

**Databases:** MongoDB, Firebase, SQL Server, DynamoDB, Entity Framework, LINQ

**Cloud & DevOps:** AWS (Cognito, Lambda, API Gateway, DynamoDB), Azure DevOps, Azure API Management

**Testing:** Jest, React Testing Library

**Tools & Practices:** Git, Jira, Trello, Agile/Scrum, Microservices, REST APIs, SOAP/XML

## Experience

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**Software Engineer III** | Islamabad, Pakistan

Jun 2025 – Present

*Uforia Info Tech Solutions*

- Developed and maintained dynamic webpage and canvas-based builders using React.js, Craft.js, Slate.js, and Fabric.js, enabling users to create customizable, interactive web layouts and print designs.
- Engineered scalable Web2 print solutions with high accuracy in rendering, formatting, and exporting assets for digital and physical output.
- Implemented complex drag-and-drop editors and component frameworks, ensuring smooth interactions, modular architecture, and extensibility for future features.
- Optimized performance and UI responsiveness across custom editors, canvas tools, and builder modules by refining core logic and improving rendering workflows.
- Collaborated with cross-functional teams to design, test, and deploy builder features, ensuring high usability, stability, and alignment with user requirements.

**Senior Software Engineer** | Remote, London, UK

Jun 2023 – Jul 2025

*Route Trading Ltd.*

- Built a full-stack FinTech product using React, React Native, Next.js, ASP.NET MVC, and ASP.NET Core; implemented a reusable component system that increased code reusability and reduced feature development time.
- Enhanced application performance and stability using Redux Toolkit, React Query, and Tailwind CSS, resulting in improved runtime speed and reduced bugs.
- Developed cross-platform REST APIs using .NET Core, leveraging Entity Framework for efficient database modeling and complex LINQ queries for advanced data retrieval.
- Designed and implemented a microservices architecture integrated with API gateways for seamless communication and scalability.
- Integrated and managed APIs using Azure API Management (APM), ensuring secure and scalable access.
- Wrote comprehensive unit and integration tests using Jest and React Testing Library to ensure robust frontend performance and reliability.

**Senior Software Engineer** | Remote, Dubai, UAE

Aug 2021 – Dec 2023

*Feedni*

- Developed reusable React Native components and screens, achieving 5% UI consistency across platforms and reducing code duplication by 40%.
- Advised on architecture and design patterns, boosting code maintainability by 30% and supporting long-term scalability.
- Led and mentored junior developers; achieved 100% sprint completion through Agile collaboration, daily standups, and pair programming.
- Delivered features end-to-end, contributing to 3+ successful app launches and reducing runtime errors by 35% through technical research and rigorous testing.
- Built a full-featured admin dashboard and agent portal using React.js, Node.js, Express, Firebase, and MongoDB, supporting 10+ service modules with 99.9% data integrity.

- Implemented core features including payment processing, order management, and social authentication, reducing task turnaround by 35% and layout bugs by 40%.
- Optimized UI/UX with Material UI, Formik, and React Hooks, improving load times by 30% and reducing redundant code by 50%.

### Senior React Native Developer | Islamabad, Pakistan

Feb 2021 – Aug 2023

#### *StackOne*

- Led and mentored a team of 2 developers, improving team efficiency by 30%, resolving blockers 40% faster, and delivering 100% of sprint goals using Agile and Jira.
- Developed full-stack mobile apps with React Native, integrating AWS (Cognito, Lambda, API Gateway, DynamoDB) and Firebase for secure, scalable, serverless architecture.
- Implemented real-time features including Google Maps location tracking (95% accuracy), SOAP/XML for legacy compatibility, and Firebase Functions for backend automation.
- Integrated social logins, push notifications, and Apple Pay, achieving 98% notification delivery and boosting user satisfaction and app ratings by 25%.
- Built responsive UIs and admin dashboards using React.js and Material UI, accelerating development by 20%.

### React Native Developer | Islamabad, Pakistan

Feb 2020 – Feb 2021

#### *Hactric Solutions*

- Developed key features for a Saudi-based e-commerce app integrating a custom Measurement API (90%+ accuracy) and Tap.Company payment gateway, boosting conversions by 15%.
- Contributed to the LearnE platform, enabling multi-user content delivery, progress tracking, and admin-level CMS/LMS functionality with scalable architecture.
- Led stand-ups and implemented workflow improvements, increasing sprint velocity by 20% and achieving 15% faster development cycles.

### React Native Developer | Islamabad, Pakistan

Sep 2019 – Feb 2020

#### *Digit Solutions*

- Built and delivered responsive, high-performance applications contributing to a 30% improvement in load times and user responsiveness across platforms.
- Trained and mentored a junior developer intern in React Native, Git, and component-based architecture, increasing their task independence by 40% over 3 months.
- Consistently met 100% of sprint deadlines while maintaining code quality and alignment with product goals.

## Projects

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### **TYFT Food Truck Application** | *React Native, React.js*

- Built a food truck mobile app in React Native with a fully functional admin panel in React.js.

### **MenaTCP** | *React.js, React Native*

- Developed a hybrid virtual academy and social media platform allowing users to take courses, attend events, and interact socially — available on both web and mobile.

### **Graphit – AI Art Generator** | *React Native, Generative AI*

- Built a React Native app leveraging generative AI to create unique artwork from user prompts, delivering an interactive, creative experience.

### **Mian Channu E-Commerce App** | *React Native*

- Developed a full-featured e-commerce mobile application with product listing, cart, and checkout functionality.

### **Infinity 4K Wallpaper: AI 2023** | *React Native, AI*

- Created an AI-powered wallpaper application delivering high-resolution, AI-generated wallpaper content to users.

## Education

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### **University of Engineering & Technology** | Islamabad, Pakistan

Aug 2015 – Feb 2019

*Bachelor of Science in Computer Science*