

Ouneeb Ur Rehman

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Interests — Frontend Development, Mobile Applications, AI Integration, LMS Systems, User Experience

Skills

Languages	JavaScript, TypeScript, Java, Kotlin, HTML, CSS
Mobile Development	React Native, Android (Native), Expo, Cross-platform Development
Web Frameworks	Angular, React, PrimeNG, Bootstrap, Tailwind CSS
AI & RAG	OpenAI API, ChatGPT Integration, RAG Architecture, Prompt Engineering, AI-powered Chatbots
UI/UX Libraries	PrimeNG 19, Material UI, Ant Design, Responsive Design, CSS Grid
State Management	Redux, Context API, NgRx, RxJS
Development Tools	Android Studio, Xcode, Visual Studio Code, Git/GitHub
Backend & APIs	RESTful APIs, Firebase, Node.js, Express
Project Management	JIRA, Azure DevOps, Agile/Scrum, Microsoft Azure Scrum
Payment Integration	Plaid, Stripe, Tap to Pay, Payment Gateways, Transaction Processing
Cloud & DevOps	Google Cloud Platform, Firebase, CI/CD pipelines
Other	Git, Postman, Figma to HTML/CSS, SOLID Principles, Design Patterns

Experience

Calimatic EdTech Sep 2019 – Present

Senior Mobile Developer & Frontend Developer

CaliberMatrix LMS Development:

- Developed and maintained CaliberMatrix LMS, a comprehensive learning management system actively used by students, parents, instructors, administrators, and staff across multiple client institutions
- Built responsive mobile applications using React Native for iOS and Android platforms, ensuring seamless cross-platform functionality
- Implemented web applications using Angular with modern UI components and PrimeNG library for enhanced user experience
- Led migration efforts from Java to Kotlin for improved React Native bridge functionality and native module integration

AI Integration & RAG Architecture:

- Designed and implemented AI-powered messaging features using OpenAI API with RAG (Retrieval-Augmented Generation) architecture
- Developed intelligent chatbot systems that provide context-aware responses by integrating with LMS database
- Created prompt engineering strategies to optimize AI responses for educational content and student queries
- Implemented vector database integration for efficient document retrieval and semantic search capabilities

Payment Systems & Integration:

- Implemented comprehensive Tap to Pay functionality for mobile payment processing

- Developed payment testing strategies including sandbox environment setup and transaction flow validation
- Integrated multiple payment gateways ensuring PCI compliance and secure transaction handling

Technical Leadership & Problem Solving:

- Resolved complex Android-specific issues including multi-variant app configurations and package name updates
- Fixed critical UI rendering problems on Samsung devices and ensured Google Play Store compliance
- Led PrimeNG 19 migration, resolving component compatibility issues and styling conflicts
- Implemented virtual scrolling solutions for large datasets in TreeTable components
- Developed responsive task management interfaces with advanced CSS Grid layouts

Code Quality & Best Practices:

- Established component re usability patterns and implemented design systems
- Conducted code reviews and mentored junior developers on best practices
- Active presence on Stack Overflow with 700+ reputation, helping developers solve technical challenges

Sciensus Intouch

Nov 2021 – Apr 2022

Senior Mobile Developer

- Developed healthcare application for UK-based home care services using React Native
- Implemented secure patient portal with invitation-based registration system
- Ensured HIPAA compliance for sensitive health data handling
- Built real-time notification system for medication reminders and appointment scheduling

Guardian Medical Direction

Oct 2020 – May 2021

Senior Mobile Developer

- Built cross-platform communication application with audio/video group calling functionality
- Implemented real-time chat system for clinic staff, physicians, nurses, and patient coordinators
- Developed comprehensive logging system for calls, messages, and notifications
- Created role-based access control for different user types within the clinic management system

GoParent

Sep 2020 – May 2021

Senior Mobile Developer

- Developed co-parenting management application using React Native
- Implemented expense tracking and shared calendar functionality for divorced parents
- Built secure messaging system connecting parents and family professionals
- Created task management features focused on children's well-being and parental coordination

Klinikya

May 2022 – Oct 2023

Senior Mobile Developer

- Developed cross-platform telemedicine application for online appointment booking
- Implemented virtual care system for primary, acute, chronic, and complex health needs
- Published application on both App Store and Google Play Store
- Integrated video consultation capabilities with healthcare providers

MileShare

May 2022 – May 2023

Senior Android Developer

- Built ride-sharing carpooling application using native Android (Java)
- Implemented real-time location tracking and route optimization

- Developed matching algorithm for connecting riders and drivers
- Created in-app payment system for fare calculation and transactions

Technical Projects

CaliberMatrix AI Assistant(in development)

AI-Powered Educational Chatbot with RAG Architecture

- Developed intelligent chatbot using OpenAI GPT models integrated with CaliberMatrix LMS database
- Implemented RAG (Retrieval-Augmented Generation) system for context-aware educational responses
- Created vector embeddings for course materials, enabling semantic search across curriculum
- Built real-time query processing system handling student questions, assignment help, and course navigation
- Achieved significant reduction in support ticket volume through automated intelligent responses

Multi-Variant Android Application Architecture

Complex Build Configuration for White-Label Mobile Apps

- Designed and implemented multi-variant Android architecture supporting multiple client brands
- Configured dynamic package naming, app icons, and theme customization per client
- Resolved Google Play Store conflicts for simultaneous variant deployments
- Implemented shared codebase with client-specific feature flags and configurations
- Created automated build pipeline for generating client-specific APKs/AABs

Responsive Task Management Interface

Advanced Frontend Development with CSS Grid

- Built comprehensive task management system with drag-and-drop functionality
- Implemented advanced CSS Grid layouts for responsive design across all device sizes
- Created real-time task updates using WebSocket integration
- Developed filtering, sorting, and search capabilities for large task datasets
- Integrated with backend API for seamless data synchronization

Tourism Website Development

Bootstrap-based Responsive Web Applications

- Designed and developed multiple tourism websites with booking functionality
- Implemented responsive design ensuring optimal experience across devices
- Created interactive maps and image galleries for destination showcases
- Integrated payment gateways for tour bookings and hotel reservations
- Optimized for SEO and page load performance

Technical Expertise Highlights

React Native & Mobile Development:

- Expert in React Native CLI and transitioning to Expo for improved development workflow
- Proficient in resolving Android build issues, Gradle configurations, and native module bridging
- Experience with cross-platform development ensuring feature parity between iOS and Android
- Skilled in performance optimization, memory management, and app size reduction
- Deep knowledge of mobile UI/UX patterns and platform-specific design guidelines

Angular & Modern Web Development:

- Advanced expertise in Angular with TypeScript, RxJS, and reactive programming patterns
- Proficient in PrimeNG component library and custom component development
- Experience with state management using NgRx and Angular services
- Strong understanding of Angular lifecycle hooks, change detection, and performance optimization
- Implementation of lazy loading, route guards, and modular architecture

AI Integration & RAG Systems:

- Hands-on experience with OpenAI API, GPT models, and prompt engineering
- Implementation of RAG architecture for context-aware AI responses
- Knowledge of vector databases and embedding techniques for semantic search
- Experience with fine-tuning prompts for domain-specific applications
- Integration of AI features into production applications with proper error handling

Education

Bachelor of Science in Computer Software Engineering

University of Engineering and Technology, Peshawar, Pakistan

Graduated: 2013 – 2017

Professional Development

- Continuous learning through online courses in AI/ML, React Native advanced patterns, and Angular best practices
- Active contributor on Stack Overflow with 350+ reputation, helping developers solve complex problems
- Participated in mobile development conferences and workshops
- Regular reader of technical blogs and documentation for emerging technologies
- Experimented with DevOps practices and CI/CD pipeline implementations

Languages

English: Professional Working Proficiency

Urdu: Native Speaker

Additional Information

- Location: Islamabad, Pakistan
- Available for remote and on-site opportunities
- Strong communication skills with experience in client-facing roles
- Proven ability to work in fast-paced, deadline-driven environments
- Experienced in Agile/Scrum methodologies and collaborative team environments