

# HOZEFA HASSAN RIZVI

Software Engineer

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## CAREER SUMMARY

Full Stack Developer with **2.5+ years** of experience delivering production-ready applications across iOS, Android, Roku TV, and web platforms. Skilled in React Native, React.js, Node.js/Express, REST APIs, and WebSocket services, with a proven track record of building scalable backends using Express.js with PostgreSQL and MongoDB. Successfully launched 9+ OTT and content-based applications on the App Store and Google Play, overseeing the entire lifecycle from architecture and API design to testing, CI/CD, deployment, and post-launch optimization. Recognized for collaborating with cross-functional teams to create high-performing, user-centric digital solutions that scale seamlessly.

## TECHNICAL EXPERTISE

<ul style="list-style-type: none"><li>React Native</li><li>React.js</li><li>Express.js</li><li>WebSocket Servers</li><li>Redis</li><li>MongoDB</li><li>Node.js</li><li>Firebase Firestore</li><li>SQL</li></ul>	<ul style="list-style-type: none"><li>Hostinger</li><li>Python Flask</li><li>PHP</li><li>Roku Tv Application</li><li>Brightscript</li><li>Cyberpanel</li><li>iOS App store deployment</li><li>Push Notification using Pusher and Firebase</li></ul>	<ul style="list-style-type: none"><li>Software Quality Assurance</li><li>Front-End Development</li><li>REST APIs</li><li>Leadership</li><li>Problem-Solving</li><li>Team Collaboration</li></ul>
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## EDUCATION

**Bachelor of Science in Software Engineering**

- Comsats University Islamabad, Abbottabad

September 2020 - August 2024

Cgpa: 3.25/4

## WORK EXPERIENCE

**Mobile App Developer**  
ADMK Solutions, Islamabad

September 2024 – September 2025

- Cross-Platform Delivery:** Led end-to-end development of iOS & Android mobile apps and Roku TV applications, integrated streaming SDKs and real-time features, and published stable builds to the App Store, Play Store, and Roku Channel Store.
- API & Realtime Services:** Built and consumed RESTful APIs and WebSocket endpoints to support chat/streaming workflows; implemented authentication/authorization and reusable backend services for mobile and web clients.
- Release & Quality Engineering:** Managed CI/CD and store submissions, created unit/integration tests, performed code reviews, and monitored crashes and performance to sustain reliability, security, and maintainability.

**Full Stack Developer**  
Ayzenn Technologies

January 2024 - September 2024

- Full-Stack Development:** Designed and developed robust mobile and web applications using React Native and React.js, integrating scalable backends with Express.js, REST APIs, and WebSocket servers.
- Expertise in Diverse Fields:** Specialized in mobile application development, web application development, backend development, and game development, with expertise in tools such as React Native, Unity, WebSocket servers, and other advanced technologies.

## PROJECTS

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- **Online Channel TV Apps – Mobile & TV**
  - Developed and published 9+ streaming apps (Solace, ReelMax, Shiloh, Rediscover TV, Christmas Channel, God Miracle TV, Echo TV, Legind Plus) on Play Store & Amazon Fire TV covering entertainment, seasonal, religious, and classic content.
- **Event & Community Apps**
  - Event Central (ICFF Navigator & Organizer) – iOS & Android apps, live on App Store & Play Store.
  - Event Management System – Full-stack dev with one-to-one messaging (web + mobile).
- **Social & Media Platforms**
  - Pak Forum (Social Media Platform) – Real-time WebSocket chat + AI-driven recommendations (Sep 16–Present).
  - DriveBidz (Car Auction Platform) – End-to-end dev (web, mobile, admin) with intelligent bidding & WebSocket integration (Sep 16–Present).
  - Streaming Platform – Live SDK integration + real-time messaging (Jan 1–Present).
- **FoodTech Apps**
  - Food App for Restaurants (Tablet-style) – Full-stack & admin panel (Jan 10–18).
  - CashApp (Ordering App) – REST APIs + backend integration (Dec 15–Jan 1).
- **Utility & Specialized Apps**
  - Blessings Jar App – Mobile + web, available on App Store & Play Store.
  - Wheelchair App (Korean Gov't Project) – UI/UX enhancements, animations & multi-screen flows.
- **Web & E-commerce**
  - Talents & Stars – Website built on Replit; resolved issues & incomplete modules.
  - E-commerce Store (Korean Gov't Project) – Delivered REST API integrations & fixed design bugs.
  - ToneSync AI Portal (QA Tool) – Front-end dev with seamless API integrations.
- **Final Year Project**
  - Interview Preparation Application – Mobile App (React Native), Backend (Python Flask + Firebase), Admin Panel Website (React.js).

## CERTIFICATIONS & TRAINING

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- **Python for Data Science & Machine Learning: Zero to Hero | Udemy | July 14, 2024**
  - Comprehensive training on Python programming for data science and machine learning.
  - Covered topics include data analysis, predictive modeling, and advanced Python libraries.
- **CCNAv7: Introduction to Networks | COMSATS University Islamabad, Abbottabad Campus | March 21, 2023**
  - Validates knowledge and skills to install, configure, operate, and troubleshoot basic network infrastructure.
  - Comprehensive understanding of networking concepts, protocols, and configuration.
- **Certificate of Achievement: JavaScript (Basic) | February 7, 2023**
  - Demonstrated proficiency in JavaScript fundamentals, including syntax, functions, and object-oriented programming.
- **Website Design & Development | February 7, 2023 | January 10, 2022 - March 15, 2022**
  - Developed websites using WordPress, Elementor, Yoast SEO, WooCommerce, HTML5, and CSS3.
  - Hands-on experience with website creation, optimization, and user experience enhancement.

## LANGUAGES

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- English
- Urdu