

Qualifications Summary

Full Stack MERN developer with expertise in React, Next.js, Node.js, Express.js (REST/GraphQL), and MongoDB, building scalable, AI-enhanced web applications. Delivered My Real Estate Guru, Servifi, and F1GPT, integrating Socket.IO, APIs (Stripe, Google Maps, OpenAI), and cloud platforms (Azure, AWS). Specialized in AI, using OpenAI API, Langchain, and AstraDB for F1GPT's RAG, improving query accuracy by 65% and response times by 48%. Drives 92% organic traffic growth and 72% user retention with data-driven insights. Leads Agile teams, automates workflows, and aligns solutions with market trends and client needs.

Areas of Expertise

- Azure / AWS Infrastructure Administration
- API Integration and AI Services
- MERN / NextJS Stack Development

Career Experience

Marvellex Software Solutions, Islamabad - PK
Software Engineer – I

May 2024 – Present

Developed comprehensive web applications: [My Real Estate Guru](#) (real estate), [Servifi](#) (tradesman services), and [F1GPT](#) (AI-powered F1 insights). Utilized Next.js for dynamic frontend rendering, Node.js with Express.js (REST for My Real Estate Guru, GraphQL for Servifi) for robust backend services, MongoDB for efficient data storage, and OpenAI API, Langchain, and AstraDB for F1GPT's RAG system. Integrated real-time communication via Socket.IO, automated workflows with cron-jobs, Auth.JS for authentication, Stripe for payments, and styled with Tailwind CSS for modern, responsive UIs.

- **Real-time Chat System:** Implemented real-time chat with offer negotiation and status indicators. Boosted engagement by 33%.
- **Admin Impersonation Feature:** Built tool for streamlined support. Reduced ticket resolution time by 57%.
- **Social Media Login Integration:** Engineered Google/Facebook logins. Improved user acquisition by 45%.
- **Stripe Payment Integration:** Integrated Stripe for seamless transactions. Facilitated 143 transactions monthly, increasing revenue by 28%.
- **Google Maps API Integration:** Added location visualization. Increased page views by 22%.
- **Automated Email Notifications:** Automated status update emails. Improved retention by 72%.
- **SEO Optimization:** Enhanced search visibility. Increased organic traffic by 92%.
- **Cron Jobs for Email Campaigns:** Configured personalized campaigns. Achieved 68% open rate.
- **Admin Panel Development:** Built panel for user/property management. Reduced task time by 55%.
- **RAG Implementation (F1GPT):** Developed RAG for accurate F1 query responses. Enhanced accuracy by 65%.
- **Vector Database Integration (F1GPT):** Used AstraDB for efficient search. Improved response times by 48%.
- **OpenAI API Usage (F1GPT):** Integrated for NLP. Boosted satisfaction by 37%.
- **User Engagement Features (F1GPT):** Added query history and real-time updates.

Systems Limited, Islamabad - PK
Associate Consultant

Sept 2022 – June 2023

As a Full Stack MERN developer, I worked on scalable, user-focused web applications at Systems Limited, leveraging expertise in cloud infrastructure, real-time systems, and API integrations. My work optimized performance, enhanced user experience, and streamlined project delivery using technologies like React, Node.js, Firebase, and Azure.

- Optimized MS Azure infrastructure and SQL Server performance; coordinated project delivery.
- Managed MERN projects via Azure DevOps, enhancing task tracking and collaboration.
- Built scalable MERN apps with real-time features and secure authentication.
- Developed React-Firebase chat app with secure login and dynamic rooms. [🔗](#)
- Created MERN AI image generator with OpenAI API and user accounts. [🔗](#)
- Designed game discovery platform with React, TypeScript, RAWG API, and advanced filters. [🔗](#)
- Engineered Node.js-Express-MongoDB social media app with secure APIs and efficient database modelling. [🔗](#)
- Built TikTok clone with React, Zustand, AppWrite, enabling video uploads and interactions. [🔗](#)

Education

Masters – (NUST Islamabad, 2022)

CGPA (3.75 / 4.00)

Bachelors – (Air University Islamabad, 2020)

CGPA (3.40 / 4.00)

Certifications / Paid Courses

- Microsoft Azure Administrator ([AZ-104](#)) Certified [↗](#)
- Microsoft Dynamics 365 Finance and Operations ([MB-300](#)) Certified [↗](#)
- MS Azure Administrator (AZ-104) Certification Exam [↗](#) LinkedIn Learning Course (12 Hours)
- Programming Expert [↗](#) AlgoExpert Course (30 Hours)
- React + TypeScript 18 [↗](#) Programming with Mosh Course (8.5 Hours)
- React + TypeScript 18 Intermediate [↗](#) Programming with Mosh Course (6 Hours)
- Ultimate Java Part 1: Fundamentals [↗](#) Programming with Mosh Course (4 Hours)
- Ultimate Java Part 2: OOP [↗](#) Programming with Mosh Course (4 Hours)
- Data Structures and Algorithms (PAID) NeetCode Course (16 Hours)

Skills

Technical Skill

JavaScript
Python
TypeScript
React
Express
RESTful APIs
Microsoft Azure
AWS
LangChain
RAG
Vector Database
AI Integration

Interpersonal Skills

Focused
Gold Medalist in intra university Essay competition
Team Leadership
Competitive

Social Skills

Taking responsibility
Willingness to learn