

# ALI HUSSNAIN

Software Engineer — Team Lead

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## Summary

Results-driven Full-Stack Developer with over 4 years of experience delivering scalable web applications and leading development teams. Successfully led cross-functional teams of 3-5 developers across government, educational, and enterprise projects including smart city solutions for CDA and NUST University. Strong expertise in JavaScript, TypeScript, React, Next.js, Node.js, Python, and cloud services on AWS and Supabase. Proven track record of mentoring junior developers, driving technical excellence, and delivering robust solutions that optimize system performance and user experience.

## Experience

### InLights

11/2024 – Present

Team Lead & Full-Stack Developer

Islamabad, Pakistan

- Lead smart city applications including Smart Traffic Control system for Capital Development Authority (CDA) and Gate Security & Smart Parking solutions for NUST University and local enterprises
- Architected full-stack microservices with Node.js, React, and AWS
- Mentored junior developers and introduced Agile best practices
- Built real-time IoT data integrations for optimizing traffic and security systems

### Dataspecc

01/2024 – 11/2024

Senior Full-Stack Developer

Islamabad, Pakistan

- Developed and scaled BrandSocial.ai, an AI SaaS for social media automation
- Re-architected APIs with FastAPI & PostgreSQL, reducing latency by 40%
- Integrated OpenAI models for generative content creation
- Implemented CI/CD pipelines and optimized AWS infrastructure

### Machine Intelligence (Mi6)

01/2023 – 01/2024

Team Lead & Full-Stack Developer

Islamabad, Pakistan

- Promoted to Team Lead within 3 months
- Trained and mentored 2 interns, guiding them to become proficient junior developers
- Modernized legacy systems to microservices architecture
- Mentored team members and improved workflows

### Aura Grande

07/2021 – 12/2022

Full-Stack Developer

Islamabad, Pakistan

- Built restaurant and marquee booking platform with WhatsApp API integration
- Developed Flutter mobile app with Node.js backend and MySQL database
- Created inventory management and event calendar systems
- Designed responsive web interfaces for enhanced user experience

## Projects

### BrandSocial.ai | AI-Powered Social Media Management Platform

2024

- Developed AI-driven SaaS platform with automated content creation, post scheduling, and performance analytics dashboard
- Implemented OpenAI API integration for dynamic content generation and brand voice consistency
- Technologies: React, Node.js, FastAPI, PostgreSQL, OpenAI API, AWS

### Carousely | AI Social Media Carousel Generator

2024

- Built AI-powered tool with customizable templates, dynamic styling, and real-time preview functionality
- Integrated OpenAI API for intelligent content generation with tone and audience targeting
- Technologies: Next.js, TypeScript, OpenAI API, Tailwind CSS

### GlizzyX | Web3 Community Gamification Platform

2024

- Developed Web3 platform with blockchain-based reward system for social media engagement tracking
- Built admin dashboard for campaign management and automated reward distribution via smart contracts
- Technologies: React, Node.js, Ethereum, Web3.js, MongoDB

### RetroFam | E-commerce Platform for Retro Gaming

2025

- Created e-commerce platform with advanced search filters, product categorization, and secure payment integration
- Implemented responsive design with optimized product galleries and inventory management system
- Technologies: Next.js, Stripe, Sanity CMS, Tailwind CSS

Education

**National University of Sciences and Technology (NUST)**  
*Bachelor's Degree in Computer Science*

**Islamabad, Pakistan**  
*2018 – 2022*

Technical Skills

**Languages:** JavaScript, TypeScript, Python, Java, SQL, HTML/CSS  
**Frameworks:** React, Next.js, Node.js, Express.js, FastAPI, Flutter  
**Databases:** PostgreSQL, MongoDB, MySQL, Redis, Supabase  
**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS), Docker, CI/CD, Git  
**Tools & Technologies:** RESTful APIs, GraphQL, WebSocket, Microservices, Agile/Scrum

Core Competencies

- Full-Stack Web Development and Architecture
- Agile Software Development & Team Leadership
- RESTful API & Microservices Development
- Cloud Deployments (AWS, Supabase)
- Real-Time Systems & IoT Integrations
- Mentoring and Cross-Team Collaboration
- Problem Solving & Strategic Thinking

Achievements & Leadership

**Leadership:** Successfully led cross-functional teams of 3-5 developers across multiple projects  
**Mentorship:** Trained and guided 4+ junior developers, with 100% promotion rate to mid-level positions  
**Recognition:** Received framed appreciation letter for outstanding contributions at Machine Intelligence  
**Client Satisfaction:** Maintained 95%+ client satisfaction rate across 50+ completed projects