MUHAMMAD IRFAN ALI

Senior Full Stack Software Engineer | JavaScript, TypeScript, Python, PHP & AI

Lahore, Pakistan | mirfanaliengineer@gmail.com | +92 (303) 6002854

LinkedIn | **Portfolio** | **GitHub**

PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer and Technical Lead with 7+ years of experience designing, building, modernizing, and scaling web applications, SaaS platforms, and enterprise systems. Strong expertise across JavaScript and TypeScript ecosystems, including React, Next.js, Angular, Vue.js, and Node.js, complemented by backend development experience with Python, PHP, Laravel, and Java. Experienced in frontend and backend architecture, REST APIs, microservices, database design, AI/LLM integrations, and cloud infrastructure. Led engineering teams of 20+ while remaining hands-on with technical execution, system design, performance optimization, and end-to-end product delivery.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HP, Java
Frontend: React, Next.js, Angular, Vue.js, Nuxt.js, Redux, React Native
Backend: Node.js, Express.js, NestJS, AdonisJS, Django, FastAPI, Spring Boot, Laravel
AI & LLM: Generative AI, LLMs, RAG, NLP, AI Agents, MCP
Databases & Data: PostgreSQL, MongoDB, Redis, SQL/NoSQL, Data Modeling, Vector Databases
Architecture: REST APIs, Microservices, Distributed Systems, SaaS Architecture, System Design, Caching, TDD, Performance Optimization
Cloud & DevOps: AWS, Docker, CI/CD, Serverless, Observability, Git, Linux

PROFESSIONAL EXPERIENCE

Retail Direct Group | Senior Frontend Developer — May 2026 – Present

- Developing and enhancing enterprise e-commerce applications using Angular and Next.js across Box, Laptop Outlet, and ASUS Parts.
- Contributing to frontend architecture, application modernization, maintainability, and user-facing improvements.

PioneerLogics | Principal Software Engineer (Project-Based Contract) — Oct 2025 – May 2026

- Designed and refactored application modules to improve maintainability and scalability.
- Optimized critical APIs, reducing response latency by 25%.
- Improved automated testing and CI/CD workflows using GitHub Actions and AWS CodePipeline.

SolutionsLoft | Team Lead – Full Stack Software Engineer — Dec 2022 – Aug 2025

- Led full-stack engineering across MERN, MEAN, MEVN, and Python-based applications, contributing to architecture and development.
- Contributed to monolith modernization, microservices, and NLP/Generative AI solutions, helping deliver three AI-powered products.
- Led 20+ engineers across 12+ releases, improving development velocity by 30%.
- Promoted engineering quality through TDD, performance optimization, and Agile delivery practices.

Intelliscence | Full Stack Software Engineer (Team Lead) — Jan 2020 – Nov 2022

- Led 5+ engineers across 8+ client engagements and contributed to five product launches.
- Contributed to microservices initiatives that increased system capacity by 40%.

Creative Web Solutions | Web Developer — Oct 2018 – Dec 2019

- Developed and delivered 10+ web applications, contributing to full-stack implementation and client project delivery.
- Helped improve client satisfaction by 15% through timely project execution.

KEY PROJECTS

Box — E-commerce Platform | *Angular, TypeScript*

- Contributed to modernization of the legacy Angular platform, addressing technical debt, scalability, and peak-traffic reliability. Website

Laptop Outlet — E-commerce Platform | *Next.js, React, TypeScript*

- Developed and enhanced Next.js e-commerce functionality, with a focus on performance, Core Web Vitals, and state management. Website

ControlNet — Multi-Modal AI Platform | *Node.js, Python, Microservices, Mixtral, LLaMA, AWS EKS*

- Architected a Node.js/Python microservices platform on AWS EKS, integrating Mixtral and LLaMA for high-volume multimodal AI generation.
- Case study available upon request.

ezVOLTZ — EV Station Locator | *Python, Node.js, ETL Pipelines*

- Led 10+ engineers in deploying high-throughput ETL pipelines using Python and Node.js, delivering real-time accuracy for EV station locating. Website | Google Play

Southern Painting — Service Management Platform | *React Native, ASP.NET APIs, PostgreSQL, Salesforce*

- Led mobile engineering and integrated ASP.NET APIs, PostgreSQL, and Salesforce, contributing to a 45% reduction in the service hiring cycle.

Additional projects and case studies: Portfolio

EDUCATION

Bachelor of Science in Computer Science | Virtual University of Pakistan