NAUMAN NAEEM

Lahore, 54000
+92 333 4699960 | nnauman1991@gmail.com
Portfolio: naumanportfolio.com
LinkedIn: linkedin.com/in/nauman-naeem-7281286a
GitHub: github.com/nauman1991

EXECUTIVE SUMMARY

Visionary Software Engineering Leader with 9+ years of experience driving digital transformation through enterprise-scale application development and distributed systems architecture. Expertise in full-stack engineering (Node.js, Python, React), cloud-native solutions (AWS, GCP), and AI/ML implementation (TensorFlow, PyTorch, GPT-4) across healthcare, fintech, and automation domains. Architected 25+ production systems serving 50,000+ users while managing cross-functional teams of 20+ engineers. Designed highly available microservices ecosystems with 99.9% uptime using Kubernetes and Docker. Translated complex requirements into technical roadmaps maintaining 98% client retention and driving $500K+ revenue growth. Implemented CI/CD pipelines improving delivery velocity by 40% with HIPAA/PCI compliance. Filed patents for AI-powered workflow automation systems handling millions of requests with sub-100ms latency.

PROFESSIONAL EXPERIENCE

Senior Software Architect & Technical Lead, *Freelance (Remote)*
January 2022 - Present

- Architected 25+ production platforms across AI, analytics, healthcare, and enterprise automation serving 50,000+ users
- Directed 20+ developers across projects, establishing scalable development processes and conducting technical interviews
- Maintained 98% client retention through C-level relationship management and technical roadmap alignment
- Implemented microservices architectures using containerization, API gateways, and cloud-native patterns

Lead Software Engineer, *MediQ Healthcare Platform (Islamabad)*
June 2021 - January 2022

- Led telehealth platform handling 1,000+ daily consultations with secure video streaming and scheduling
- Managed 15-person team implementing workflows that reduced delivery time by 30%
- Developed HIPAA-compliant systems with end-to-end encryption and audit logging
- Established CI/CD pipelines enabling zero-downtime deployments, reducing incidents by 60%

Senior Software Engineer, *Allomate Solutions (Lahore)*
October 2020 - May 2021

- Directed 6-person team through 5 platform launches with established architecture standards
- Architected AWS/GCP environments reducing client setup time from weeks to days (60% faster deployment)
- Maintained 99.9% uptime through monitoring and performance optimization
- Created documentation standards reducing support queries by 35%

Software Engineer, *3s Solutions (Lahore)*
February 2017 - September 2020

- Delivered 15+ web applications with PHP/JavaScript achieving 50% performance improvements
- Maintained client relationships ensuring solution alignment with business objectives
- Implemented modular development practices increasing team velocity by 40%
- Built custom CMS platforms reducing third-party tool dependency

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, PHP, Ruby, Bash

Frontend Technologies: React, Vue.js, Angular, Svelte, Next.js

Backend Technologies: Node.js, Express, NestJS, Django, Flask, FastAPI, Laravel, Ruby on Rails

AI/ML Technologies: TensorFlow, PyTorch, Scikit-learn, Hugging Face, LangChain, OpenAI API, GPT-4, Gemini, NLP, Computer Vision

Cloud Platforms: AWS (EC2, S3, Lambda, CloudFormation), GCP (Compute Engine, Cloud Functions), Azure, DigitalOcean

DevOps Tools: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Linux, NGINX, Apache

Databases: SQL, PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Firebase, Elasticsearch

Development Tools: Git, JIRA, Confluence, Agile/Scrum, TDD, CI/CD, WebSockets, WebRTC

Technical Concepts: Microservices, REST APIs, GraphQL, Cloud Architecture, Distributed Systems, OAuth, Web Security

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EDUCATION

Bachelor of Science in Computer Science & Information Technology
Preston University, Lahore