

MUHAMMAD AETZAZ ASHRAF

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LinkedIn | GitHub | Portfolio

SUMMARY

Software Engineering graduate from FAST-NUCES with strong expertise in modern web development, MERN/Next.js applications, automation workflows, and AI-powered systems. Experienced in building scalable, maintainable solutions using React.js, Node.js, REST APIs, and n8n automation. Passionate about solving real-world problems through clean architecture and efficient system design.

EDUCATION

FAST-NUCES	Islamabad, Pakistan
<i>BS Software Engineering</i>	June 2025
F.G Degree College for Men	Wah Cantt, Pakistan
<i>F.Sc. Pre-Engineering</i>	2018 – 2020

PROJECTS

Shopify Customer Support Automation (n8n, Gemini, Shopify API)	2025
– Designed and developed an AI-powered customer support automation system using n8n and Shopify Admin APIs.	
– Implemented real-time order tracking, product lookup, automated email handling, and conversation memory.	
– Integrated webhooks, external APIs, and custom logic to deliver a fully autonomous support assistant.	
AI-Powered Travel Package Automation Workflow (n8n)	2025
– Built an automated system for travel package recommendations, booking flow, and customer interaction.	
– Integrated AI models, webhook triggers, database operations, and conditional logic.	
– Unified multiple automation workflows into a scalable multi-flow architecture.	
ShopNow E-Commerce Platform (Next.js, Tailwind CSS)	2024
– Developed a fully responsive e-commerce platform with product listings, cart, checkout, and authentication.	
– Implemented global state management using React Context API.	
Blog Platform (Next.js, Express.js, MongoDB)	2024
– Built a complete blogging system with authentication, article CRUD, comments, and reactions.	
– Designed and implemented RESTful APIs using Express.js and MongoDB.	
End-to-End Data Engineering Pipeline	2025
– Implemented a full ML and data engineering pipeline using DVC, Airflow, MLflow, Docker, and Kubernetes.	
– Enabled experiment tracking, workflow automation, and CI/CD for machine learning workflows.	

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, C#, Java, SQL

Web Technologies: React.js, Next.js, Node.js, Express.js, MongoDB, Tailwind CSS

Automation: n8n, Zapier, Make.com

DevOps: Git, GitHub Actions, Jenkins, Docker, Kubernetes

Other Tools: Postman, JWT, BcryptJS, DVC, MLflow, Apache Airflow

EXPERIENCE

CODIRO Technologies	Sept 2025 – Present
<i>Software Engineer</i>	
– Developing high-performance web applications using React.js, Next.js, and REST APIs.	
– Building scalable backend services with Node.js and Express.js.	
– Collaborating with cross-functional teams to deliver optimized and user-centric solutions.	