

MUHAMMAD AETZAZ ASHRAF

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SUMMARY

Software Engineering graduate from FAST University specializing in modern web development, automation, and AI-driven workflow systems. Experienced in building scalable applications using MERN/Next.js and developing automation pipelines using n8n, API integrations, and intelligent agents. Passionate about solving real-world problems using smart, automated, and efficient system designs.

EDUCATION

FAST-NUCES

Islamabad, Pakistan

BS Software Engineering

June 2025

F.G Degree College for Men Wah Cantt

Wah Cantt, Pakistan

F.Sc. Pre-Engineering

2018 – 2020

PROJECTS

Shopify Customer Support Automation (n8n + Gemini + Shopify API)

2025

- Developed an advanced AI-powered customer support automation system using n8n and Shopify Admin APIs.
- Implemented real-time order tracking, product lookup, automated email responses, and conversation memory.
- Integrated webhook triggers, API tools, and custom logic to build a fully autonomous support assistant for Shopify stores.

n8n AI-Powered Travel Package Automation Workflow

2025

- Built an automated workflow in n8n that handles travel package recommendations, booking flow, and user interaction.
- Integrated OpenAI, webhook triggers, database operations, decision logic, and conditional flows.
- Connected multiple automation pipelines into one unified multi-flow system.

ShopNow E-Commerce Platform (Next.js + Tailwind CSS)

2024

- Developed a modern and fully responsive e-commerce platform with product listings, cart management, checkout, and authentication.
- Implemented global state management using Context API.

Blog Platform (Next.js + Tailwind CSS + Express.js)

2024

- Built a full-featured blogging system with authentication, article CRUD, comments, and reactions.
- Developed a REST API backend using Express and MongoDB.

End-to-End Data Engineering Pipeline

2025

- Built a complete ML + Data Engineering pipeline integrating DVC, Apache Airflow, MLflow, Docker, and Kubernetes.
- Implemented versioning, workflow automation, and CI/CD for machine learning experiments.

TECHNICAL SKILLS

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

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

Automation Workflows: n8n, Zapier, Make.com

DevOps Tools: GitHub Actions, Jenkins, Docker, Kubernetes

Others: DVC, MLflow, Apache Airflow, JWT, BcryptJS

EXPERIENCE

CODIRO Technologies

Sept 2025 – Present

Software Engineer

- Building high-performance web applications using Next.js, React.js, and REST APIs.
- Developing scalable backend services with Node.js and Express.js.
- Collaborating with cross-functional teams to design optimized and user-centric solutions.