

# 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

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

## PROJECTS

<b>Shopify Customer Support Automation (n8n + Gemini + Shopify API)</b> – 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.	2025
<b>n8n AI-Powered Travel Package Automation Workflow</b> – 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.	2025
<b>ShopNow E-Commerce Platform (Next.js + Tailwind CSS)</b> – Developed a modern and fully responsive e-commerce platform with product listings, cart management, checkout, and authentication. – Implemented global state management using Context API.	2024
<b>Blog Platform (Next.js + Tailwind CSS + Express.js)</b> – Built a full-featured blogging system with authentication, article CRUD, comments, and reactions. – Developed a REST API backend using Express and MongoDB.	2024
<b>End-to-End Data Engineering Pipeline</b> – 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.	2025

## 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

<b>CODIRO Technologies</b> <i>Software Engineer</i> – 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.	Sept 2025 – Present
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