

MUHAMMAD AETZAZ ASHRAF

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LinkedIn | GitHub | Portfolio

SUMMARY

Software Engineering graduate from FAST University specializing in modern web development and automation systems. Skilled in building scalable applications with MERN/Next.js and currently expanding expertise in automation, data engineering, and AI-driven workflows. Passionate about solving real-world problems using smart and efficient system designs.

EDUCATION

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

PROJECTS

ShopNow E-Commerce Platform (Next.js + Tailwind CSS) – Developed a modern and fully responsive e-commerce platform with product listings, cart management, checkout flow, and user authentication. – Implemented state management using Context API. – Integrated clean UI using Tailwind CSS and reusable components.	2024
n8n AI-Powered Travel Package Automation Workflow – Built an automated workflow in n8n that handles travel package recommendation, booking automation, and user interaction. – Integrated OpenAI, webhook triggers, database operations, decision logic, and conditional flows. – Connected multiple workflows into one unified pipeline to automate complete user journeys.	2025
Blog Platform (Next js + Tailwind css + Express.js) – Built a dynamic blogging system with authentication, article CRUD, comments, likes, and social features. – Implemented a REST API backend with Express and MongoDB and a responsive UI using Nextjs.	2024
Appointment and Scheduling Management System (MERN Stack) – Developed a multi-role appointment booking system including availability, notifications, and resource scheduling. – Built using MERN stack with modular microservice-oriented structure.	2024
End-to-End Data Engineering Pipeline – Developed a complete data pipeline integrating DVC, Apache Airflow, MLflow, Docker, and Kubernetes. – Focused on versioning, workflow automation, CI/CD for ML, and container orchestration.	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

CODIRO Technologies <i>Software Engineer</i> – Building high-performance web applications using Next.js, React.js, and RESTful 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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