

HASNAIN AHMED

AI & AUTOMATION ENGINEER

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PROFILE

AI & Automation Integration Specialist with 5+ years building resilient, event-driven backends that automate logistics and eCommerce operations. Expert in Node.js microservices, data processing, and CI/CD, delivering cloud native services on GCP/AWS/Azure with reliability, security, and auditability. Translate operational requirements into production-ready workflow logic (states, approvals, exceptions, SLAs) aligned to Enterprise Asset Management patterns (e.g., IBM Maximo), and lead teams to standardize pipelines and reduce manual handoffs. Grounded in Google Data Science training, apply NLP and predictive maintenance concepts to improve cycle time, exception rates, and SLA adherence.

PROFESSIONAL EXPERIENCE

Development Team Lead, Sixlogs Technologies

Jan 2025 to Present

- Led delivery of automation-first backend services, translating operational requirements into workflow logic (states, approvals, exception handling) for high-availability enterprise applications.
- Guided a cross-functional engineering team to standardize CI/CD pipelines, enforcing automated testing and release governance to improve deployment reliability and reduce manual handoffs.
- Architected Node.js microservices to ingest, validate, and transform operational data, enabling event-driven processing and scalable orchestration of business rules.
- Prototyped Generative AI enhancements for workflow support (e.g., summarization/classification concepts for ticket/work-order style text) while aligning delivery with security and audit expectations.

Full Stack Developer, Sixlogs Technologies

Jul 2024 to Jan 2025

- Engineered high-performance Node.js services to automate data retrieval and execute complex business logic, prioritizing scalable backend architecture over UI-centric development.
- Implemented workflow automation patterns (queues/background jobs, scheduled tasks, retry/error handling) to improve throughput and reduce operational friction.
- Integrated cloud services (GCP/AWS) for storage/compute and built deployment automation aligned with CI/CD best practices.
- Collaborated with stakeholders to refine requirements into measurable workflow outcomes (cycle time, exception rates, SLA adherence).

Ecommerce Project Manager, ShipThrough Logistics

Sep 2022 to Feb 2023

Karachi

- Owned end-to-end operational workflows for logistics/eCommerce programs (order lifecycle, fulfillment, inventory, shipping exceptions), building deep familiarity with asset-like operational processes and complex business rules.
- Partnered with engineering and operations teams to identify automation opportunities, define data requirements, and prioritize backlog items that reduced manual steps and improved SLA performance.
- Established KPI-based reporting and process governance for multi-stakeholder initiatives, ensuring predictable delivery across vendors and internal teams.

Project Manager, Desk Work Solution

May 2019 to Jun 2021

Karachi

- Managed delivery of workflow-heavy software projects, coordinating scope, timelines, and risk across technical and non-technical stakeholders.
- Defined requirements for process automation and data integrations, ensuring solutions supported approvals, auditability, and exception handling.
- Implemented Agile planning rituals and delivery governance to keep releases predictable and quality-focused.

Quality Assurance Specialist, Intelliqo Solutions

Mar 2018 to Apr 2019

Karachi

- Executed functional and regression testing for workflow-driven applications, validating business rules, integrations, and data integrity across releases.

- Supported release readiness by strengthening test planning and defect triage, improving team feedback loops and delivery quality.
- Partnered with developers to improve build/release discipline and reduce production issues through earlier validation in the delivery pipeline.

EDUCATION

Happy Palace Group Of Schools

Matriculation, Science

Delhi Science College Karachi,PK

Intermediate, Pre-Engineering

Bahria University

Bachelor of Science - BS, Information Technology

Feb 2019 to Mar 2022

LINKS

[LinkedIn](#), [Portfolio](#), [GitHub](#)

AREAS OF EXPERTISE

Generative AI	Machine Learning	Data Science	Node.js
Workflow Automation	Data Processing	NLP (Foundations)	Predictive Maintenance (Concepts)
Python	CI/CD Pipelines	Docker	Cloud Computing
GCP	AWS	Azure	GitHub
Bitbucket	API Integration (REST/Webhooks)	JavaScript	Next.js
Geospatial Engine			

CERTIFICATIONS

Introduction to Cyber Security

Cisco

Office 365

Microsoft

Fundamentals of Digital Marketing

Google

Data, Data Everywhere

Google

Data Science

Google

Project Management

Google

Applying Project Management in Real World

Google

Agile Project Management

Google