



CAPT (R) ENGR HASSAN KAMRAN

Technical Project Manager | Software Consultant | Engineer
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Personal Statement

As an accomplished Technical Project Manager and Software Consultant with a robust background in engineering and team leadership, I bring a unique blend of technical expertise and strategic vision to drive innovative solutions.

Work Experience

Big0.dev, Isb, Pk — Founder, Feb 2025 – Current

- Developed AI-driven BI solutions, turning complex data into insights.
- Implemented IoT solutions for real-time analytics and automation.
- Designed and deployed scalable cloud applications, ensuring seamless integration with existing systems.

One World Rental, Isb, Pk — Project Architect and AI Developer, Nov 2023 – Feb 2025

- Built real-time KPI dashboards using multiple data sources.
- Led local teams and coordinated globally via Agile (Scrum) from requirement to delivery.
- Modernized legacy websites and automated internal workflows.

CyberX Studio, Isb, Pk — Chief Technology Officer, Nov 2023 – Feb 2025

- Proposed innovative projects and gained stakeholder approval.
- Designed technical roadmaps with scalable documentation.
- Led a 10-member team, ensuring on-time delivery.

Pakistan Army, Isb, Pk — Captain, Oct 2020 – Oct 23

- Oversaw maintenance of vehicles/machinery and manage 100–150 staff.
- Executed performance audits and introduced key improvements.
- Enforced strict compliance with safety and military regulations.

Part-time work experience

Wisdom Wheel Wireless, Isb, Pk — Embedded Engineer, Dec 2018 – Nov 19

- Developed a real-time tracking system for shipping container insurance.

National University of Science & Technology, Isb, Pk — Research Assistant, Jun 2018 – May 19

- Developed a tele-operated sprayer drone and performed ROS Gazebo simulations.

Incline Artificial Intelligence, Isb, Pk — Machine Learning Engineer, Jan 2018 – Dec 18

- Integrated sensors for drones and autonomous vehicles, focusing on path-planning and sensor fusion.

Publications

- FedGAN: Federated Diabetic Retinopathy Image Generation (Pending)
- Development of a Drone with an integrated sprayer system for Precision Agriculture (Pending)

Education

Institute	Major	Qualification	Year
Sir Syed CASE Institute of Technology, Isb, Pk	Computer Science	Master of Science	Feb 25
Pk Military Academy, Kakul, Pk	Leadership	Officer Training	Oct 20
National University of Science & Technology, Isb, Pk	Mechatronics	Bachelor of Engineering	July 19
St Mary's Academy, Isb, Pk	Science Subjects	Advanced Level (A Levels)	July 14
Beacon house School System, Isb, Pk	Science Subjects	Ordinary Level (O Levels)	July 12

Certifications and Courses

Institute	Qualification/ Issuer	Registration #	Year
Pakistan Engineering Council	Registered Engineer	MECHATRO/005552	2024
Pakistan Software Export Board	Registered Freelancer	FL21/PSEB/2025/10489	2024
DeepLearning.AI (Coursera)	Deep Learning Specialization	MNPDUQLBGTJJ	2021
DeepLearning.AI (Coursera)	Build Basic GANs	L8ZRY5BMMTX7	2023
Google (Coursera)	Foundations of Project Management	YR6GQ7XESHPB	2024