ABU KOWSAR

Technical Project Manager | IT Specialist | AI Integration Leader

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Strategic and results-driven Technical Project Manager with over 12 years of experience delivering enterprise-scale IT and AI-integrated solutions across government and private sectors. Proven expertise in leading cross-functional teams, reducing project delays by 30%, and boosting system efficiency by 60%. Adept at agile transformation, stakeholder collaboration, and aligning technology with business goals.

PROFESSIONAL EXPERIENCE

Dept. of ICT, ICT Division, Ministry of Posts, Telecommunications and IT;   2015 - Present

Programmer & Project Lead

- Led 40+ national IT projects focused on digital transformation and public service automation.
- Increased system efficiency by 30% and reduced downtime.
- Liaised between stakeholders and technical teams for delivery assurance.
- Mentored junior developers improving code quality and reducing debugging time.

Bright Tech Company Ltd.;   2015 - Present

Technical Project Manager

- Delivered AI-based systems for Asia-Pacific clients, cutting infrastructure cost by 60%.
- Built virtual implementation and support teams.
- Oversaw project compliance and agile sprint reviews.

Bangladesh Canada Friendship Tech Ltd.;   2014 – 2015

Technical Project Manager

- Oversaw IT product lifecycle aligned with client needs.
- Conducted sprint planning and roadmap reviews with development leads.

Confidence Group of Ind Ltd.   2012 –2014

Sr. Application Analyst

- Delivered ERP and automation for manufacturing clients.
- Directed QA, system testing and compliance checks.

EDUCATION

Bangladesh Computer Council (BCC), Dhaka   2015

Postgraduate Diploma in Information & Communication Technology (ICT)

- Specialized in ICT infrastructure, e-Government systems, and enterprise architecture.
- Applied project-based learning to real-life government digital transformation initiatives.

Islamic University, Bangladesh   2009

Master of Science in Computer Science and Engineering (CSE)

- Focused on software development, data structures, algorithms, and system design.
- Completed research on distributed computing and database optimization.

Islamic University, Bangladesh   2008

Bachelor of Science in Computer Science and Engineering (CSE)

- Strong foundation in programming, computer architecture, and software engineering.
- Developed academic projects in C/C++, database systems, and network security.

PROFESSIONAL

Project Management Professional **(PMP)**,PMI, USA	2020
PMI Agile Certified Practitioner **(PMI-ACP)**,PMI, USA	2020
Microsoft Power BI **(Microsoft)**	2024
Critical Infrastructure Protection (**OPSWAT**)	2024
IBM AI Developer Professional (**COURSERA**)	2025
Lean Six Sigma White Belt – **CSSC**	2025
Artificial Intelligence of Things **(NIPA_K-Link)**	2025

KEY PROJECTS

100+ successful projects with multiple project management methodologies including Lean, Agile, Scrum.

National Award Management - Node, Express JS, REST API, MongoDB

Land Records Management - React JS, Node, Express JS, REST API, MongoDB

Tax Management System - React JS, Node, Express JS, REST API, SQL Enterprise

COVID-19 Plasma Bank - National health service project, Managed national health project for critical patients

TECHNICAL SKILLS

- Languages: React, Node.js, Express, Python, SQL
- Tools: Git, Docker, Jira, Trello
- BI: Power BI, Tableau, Looker
- Cloud: AWS, Azure, GCP
- Design: Lucidchart, Miro, Visio

PRESENTATIONS

• PMI Workshop on Innovation and Creativity organized by the PMI Bangladesh Chapter	2024
• Generative AI Overview for Project Managers by the Project Management Institute	2023
• Innovate faster with enterprise-ready generative by the AI Google Cloud	2023
• AWS Cloud Practitioner Essentials by the AWS Global	2022
• Dell Digital Workplace Acceleration by the Dell Technologies	2022
• Misinformation, Fact-checking and Credible by the Digital Security Agency	2021
• Modern Cyber Security: Concept, Culture & Latest Trends by the Bangladesh Computer Society	2021
• Rise of Agile: A Paradigm Shift in Management by the Project Management Institute	2020

PUBLICATIONS

Combating Online Harassment: A Hybrid LSTM-CNN Approach to Cyberbullying Detection—ICMLA	2025
International Journal of Business Information Systems Strategies—(IJBISS)	2024
On Handling AI Tasks in CPU with Low Latency and High Performance—ICAISC	2024
Visionary Leadership for Poverty Alleviation— International Conference on Leadership	2015
International Conference on the Selection of the Root and Greatest Virtue of the Quran	2014

AWARD & RECOGNITION

Best Academic Award, Islamic University Bangladesh (IUB)	2008
Best Debater Award, Islamic University Debating Club (IUDC)	2009
Crest of Honor, Fast Track Future Leader (FTFL) Program, Funded by World Bank.	2014
Covid-19 National Plasma Bank Development (Team Leader)- to service the lifesaving in critical moment of 1000+	2019
BASIS Student Volunteer Program - Contribute students time and skills to various projects development	2023