



Md Habibullah Balaly - PMP®

Head of Software Development | Engineering Manager | PMP® | AWS
Serverless & Cloud-Native Architecture | Leading High-Performing
Engineering Teams | DevOps · Microservices · AI Platforms

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EXPERIENCE	LANGUAGES	VISA STATUS
14+ Years	English	UAE Residence Visa (Employment)

PROFESSIONAL SUMMARY

A PMP®-certified Engineering Manager with 14+ years leading and scaling high-performing engineering teams across cloud-native and AI-powered platforms. Across 50+ projects and 7 organizations — owning delivery roadmaps, stakeholder management, resource planning, and budgets up to \$3M+ — I set technical and architectural direction, mentor cross-functional teams, and turn strategy into measurable business impact through Agile delivery and operational excellence.

CORE COMPETENCIES

Leadership

Strategic decision-making · Innovation leadership · Team empowerment · People & risk management · Crisis management

Project Management

PMP-certified delivery · Agile & Scrum · Stakeholder & client management · Scope, budget & risk · Resource & timeline planning

Technical Strategy

System architecture & design · Cloud & AI strategy · Technical roadmap · Platform scalability · Build-vs-buy decisions · Engineering standards

Business

Client relationship management · Technology integration · Analytical thinking · Problem solving · Cross-functional collaboration

PROFESSIONAL EXPERIENCE

Head of Software Engineering Right Tracks IT Ltd · Singapore

Jan 2025 — Present

- Set the engineering vision and architect cloud-native, AI-powered platforms and live-streaming systems on AWS serverless — real-time RTC, WebSocket signaling, Face SDK effects, and in-stream mini-games engineered for high concurrency and 99.9% availability.
- Lead and mentor cross-functional teams across backend, mobile, web, and DevOps; champion AI agentic workflows and emerging technology.
- Own project management, delivery roadmaps, and product excellence — aligning every release with business goals, cost efficiency, and scale.
- Drove organization-wide adoption of AI agentic workflows — integrating LLM-powered agents into development, code review, and operational pipelines to accelerate delivery and reduce manual effort.
- Established prompt-engineering and agent-orchestration standards, embedding AI copilots and autonomous task agents into day-to-day team workflows to boost productivity and engineering velocity.

Technical Consultant

2024 — Present

Wozaif Portal LLC · Dubai, UAE

- Provide strategic technical advisory across product and engineering — solution architecture, cloud adoption roadmaps, and platform scalability for a high-growth recruitment marketplace.
- Guide technology selection, engineering best practices, and delivery processes; mentor teams and align technical decisions with business goals and cost efficiency.

Technical Project Manager

Apr 2021 — Dec 2024

Doodle Inc. · Dubai, UAE

- Owned end-to-end project delivery of AWS serverless applications — planning, scope, timelines, and risk — while managing client and stakeholder communications and leading agile delivery, training, and documentation.
- Drove development of a scalable social media platform serving 2M+ users, ensuring high availability and performance under rapid growth.

Software Project Manager

Jun 2020 — Mar 2021

One ICT Ltd · Dhaka

- Managed a portfolio of government digitization projects for BRRI, the Department of Livestock Services, and the ICT Ministry, alongside ERP rollouts for pharmaceutical and agri-care clients.
- Coordinated requirements, timelines, budgets, and cross-team delivery with public-sector stakeholders.
- Drove organization-wide adoption of Agile Scrum, improving delivery predictability and transparency.

Technical Team Lead

Sep 2017 — May 2020

OnAir Intl Ltd · Dhaka

- Partnered with government stakeholders, including the ICT Ministry, to deliver public-sector digital solutions.
- Evaluated and integrated emerging technologies; designed end-to-end business-process flows.
- Introduced a microservices architecture to improve scalability, maintainability, and delivery speed.

Senior Software Engineer

Mar 2016 — Aug 2017

Amber Software Solution Ltd · Dhaka

- Built the e-POS and food-delivery backend for ChefOnline.com (UK) and owned the end-to-end ERP lifecycle.
- Automated 25+ business units onto a single unified ERP platform, streamlining operations and data flow across the organization.

Software Engineer

Nov 2014 — Feb 2016

Unisoft Systems Limited · Dhaka

- Designed and developed core modules and features for the uniERP platform — inventory, accounting, sales, and reporting.
- Translated business requirements into reliable, reusable functionality and helped modernize legacy systems.

Junior Software Engineer

Jan 2012 — Oct 2014

XpertLab BD Ltd · Dhaka

- Designed and developed software systems; collaborated across teams to ship features.

KEY PROJECTS

Tribel (USA) — US-based social networking platform serving 2M+ users across web and mobile; led a 35-member team with ~40% better sprint predictability.

Live Streaming Platforms (Singapore) — Large-scale live-streaming & creator-economy platforms built for real-time interaction at massive concurrency; 500K+ users at 99.9% uptime, led 25+ engineers.

Wozaif (Dubai, UAE) — International recruitment marketplace matching employers and candidates across borders; cut manual processing 40% and infra cost ~35% on AWS serverless.

Ticket Tomorrow — Event ticketing & management platform for high-demand concerts and live events across Bangladesh; real-time QR gate verification and 3+ payment gateways (bKash, Nagad, SSLCOMMERZ).

ChefOnline (UK) — UK online food-ordering & delivery platform with an integrated restaurant ePOS system; built the end-to-end order & delivery backend.

BRRI Rice Solution — AI-powered rice disease & pest diagnosis app for farmers, built for the Bangladesh Rice Research Institute; nationwide government deployment.

Clarity Check: Deep Search AI — AI search-aggregation app orchestrating results across multiple web and image sources; ~45% faster responses via query batching & caching.

Detect Fake: AI Image Detector — AI authenticity platform that detects whether images are real or AI-generated; 25–30% lower compute via an optimized inference pipeline.

ImageFx — AI photo editor & creative suite for background removal, generative transform, and restoration; ~30% lower GPU/API cost with near real-time rendering.

TECHNICAL SKILLS

CLOUD & ARCHITECTURE

AWS (Lambda · IVS · Serverless · ECS · RDS)

GCP

Firebase

Cloudflare

Microservices

System Design & Scalability

Real-time & WebRTC

Cloud Infrastructure

ENGINEERING & DEVOPS

DevOps & CI/CD

Git & GitHub Actions

Docker

Kubernetes

SDLC

AI Agentic Workflows

DELIVERY & PRACTICES

Agile / Scrum

Kanban

TDD

Pair Programming

Roadmapping

Jira

Confluence

MS Project

HONORS & AWARDS

 **Leadership Award 2021**
Doodle Inc. · as Project Manager

 **Employee of the Year 2019**
OnAir International Ltd

EDUCATION

BSc in Software Engineering
Daffodil International University · 2015

HSC, Science
Cambrian College, Dhaka

SSC, Science
Mafiz Uddin Khan High School, Dhaka

CERTIFICATIONS



Project Management Professional (PMP)®
Project Management Institute (PMI)
[Verify on Credly](#) ↗

AWS Cloud Practitioner Essentials
Amazon Web Services (AWS) · Mar 2020

Business Analysis Foundations
IIBA · Apr 2020