

TAHA MAHMOOD SYED

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AI SOLUTIONS ENGINEER

PROFESSIONAL SUMMARY

AI Solutions Engineer with hands-on experience designing, building, and governing LLM-powered business systems. I combine Python engineering, FastAPI backend architecture, and PRD authorship to turn business requirements into secure, compliant AI solutions. Experienced in enterprise AI adoption, exception handling, rollout planning, and translating technical tradeoffs to non-technical stakeholders.

TECHNICAL SKILLS

- **Engineering:** Python, FastAPI, React, PostgreSQL, REST APIs
- **AI Solution Architecture:** Claude API, Azure OpenAI concepts, LLM workflow design, prompt engineering, agentic workflows, kill-switch logic
- **Consulting Delivery:** PRDs, BRDs, UAT, stakeholder workshops, requirements translation, process maps, technical documentation
- **Governance / Compliance:** Compliance workflow design, audit-ready documentation, SLA governance, failure logs, minimum-necessary access controls

PROFESSIONAL EXPERIENCE

AI Scientist | Boolfix | Lahore, Pakistan | Mar 2026 - Present

- Owned the setup and deployment of internal AI tools for company workflows.
- Built autonomous agent architectures to automate operations.
- Integrated large language models with reinforcement learning systems to create goal-driven behaviors for internal platforms.
- Built simulation environments to test agent behavior and reward strategies before production rollout.
- Mentored engineering teams and shipped production-ready AI solutions to transform applied research into internal products.

Lead Project Manager / AI Automation Lead | Uplift Technologies LLC | Islamabad, Pakistan | Jan 2025 - Mar 2026

- Served as technical and operational lead for AI workflow deployments, bridging business requirements, engineering implementation, and compliance.
- Built the Uplift ATS from scratch with Python, FastAPI, React, PostgreSQL, and Claude API integration.

- Translated operational requirements into process maps, exception paths, and PRDs for AI calling bot deployments.
- Defined AI governance controls including kill-switch logic, failure tracking, exception logging, audit documentation, and escalation rules.
- Reduced daily missed client calls from 39 to about 1 through SLA governance, workflow restructuring, and KPI tracking.
- Reduced callback response time from 8 hours to 3 minutes by redesigning follow-up workflows and alert logic.
- Directed system rollouts from 7 to 33 clinic sites, enforcing adoption benchmarks, access controls, and compliance practices.

Software QA Engineer | Convo Corp | Los Altos, California | Oct 2024 - Jan 2025

- Designed and executed 100+ test plans across live production features, achieving 67% documented test coverage.
- Escalated 9+ high-priority defects through systematic triage and Jira AIO tracking.
- Validated release behavior across user flows, defect fixes, and stakeholder acceptance criteria.

Business Development Manager | Uplift Technologies LLC | Islamabad, Pakistan | Dec 2022 - Aug 2024

- Implemented CRM automation for lead routing, follow-up cadence enforcement, and pipeline visibility, improving operational efficiency by 25%.
- Built pipeline and conversion dashboards for executive decision-making, supporting 30% growth in client acquisition.

SELECTED TECHNICAL PROJECTS

AI Calling Bot Governance and Workflow Design

- Authored PRDs for AI calling bot deployments, mapping process steps, exception paths, escalation paths, and compliance controls.
- Led UAT cycles from defect triage to production release, aligning technical teams with operations managers and business stakeholders.
- Owned post-launch governance through structured failure logs, SLA metrics, outage tracking, and root-cause analysis.

AI Applicant Evaluation Platform

- Converted applicant screening rules into a structured AI evaluation workflow with eligibility checks, audit logs, and governance controls.
- Implemented state-machine logic to prevent premature AI evaluation and maintain traceability across pending, evaluating, error, and ineligible states.

EDUCATION

Bachelor of Business Administration, Finance and Management National University of
Science and Technology, Islamabad, Pakistan | Graduated June 2021