

# Subhasish Roy, PMP, A-CSM, CSM

Sr. Technical Project Manager, Louisville, KY

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Portfolio: <https://sroy82.github.io/>

Sr. Technical Project Manager with over 16 years of experience, including 10 years in project management for private and public sector clients. Proven expertise in leading and optimizing Enterprise Project Management Offices (EPMOs) across diverse industries. Adept at driving strategic initiatives, enhancing project delivery processes, and maximizing organizational efficiency through AI-driven insights and tools. Proficient in implementing project management best practices, governance frameworks, and scalable methodologies to ensure successful project outcomes. Prudent in exceeding stakeholder expectations and delivering complex projects on time and within budget. A refined communicator with strong organizational, critical thinking, and problem-solving skills.

## Areas of Expertise

- |  |                       |                                   |
|--|-----------------------|-----------------------------------|
| ❖ Project & Portfolio Management         | ❖ Cloud Migration     | ❖ Vulnerability Management System |
| ❖ Strategic Planning                     | ❖ Process Improvement | ❖ Leadership & Team Building      |
| ❖ Budget and Risk Management             | ❖ Resource Allocation | ❖ Change Management               |
| ❖ SaaS, IaC, COTS                        | ❖ SDLC                | ❖ ELT Status Reporting            |
| ❖ Data Visualization: Tableau & Power BI | ❖ eLicensing          | ❖ Cross-functional Collaboration  |

## Certifications

**Project Management Professional (PMP)®** - Project Management Institute, 2024 – 2027

**AWS Cloud Practitioner – AWS, 2025 – 2028**

**AWS AI Practitioner – AWS, 2025 - 2028**

**Generative AI Overview for Project Managers** - Project Management Institute

**Data Landscape of GenAI for Project Managers** - Project Management Institute

**Certified Scrum Master** - Scrum Alliance, 2015 - 2027

## Consulting Experience

**Process Improvement Consultant – American Red Cross KY Disaster & Situational Awareness Management**    **Louisville, KY | Nov 2024 – Present**

- Automated real-time weather alerts and disaster updates for Kentucky using Python scripts and Power BI, reducing manual effort by 50% and improving situational awareness for disaster response teams.
- Designed interactive Power BI dashboards integrating National Weather Service (NWS) API data, providing actionable insights on severe weather events, warming shelter locations, and fire response metrics.
- Collaborated with cross-functional teams to streamline disaster reporting processes, reducing reporting time by 40% and improving decision-making during critical events.
- Automated Data Processing and Validation:** Designed Python scripts to automate data cleaning, validation, and formatting for disaster updates, CAC reports, and power outage monitoring, ensuring consistency and accuracy while reducing manual effort.
- Implemented end-to-end automation workflows for generating Excel-based reports with time-stamped outputs, enabling hourly updates for disaster response planning.
- Dynamic Data Integration and Reporting:** Developed workflows to integrate disaster response, GIS data, and weather forecasts into interactive Power BI dashboards, offering real-time insights and actionable visualizations for stakeholders.
- GIS and Map Automation:** Leveraged ArcGIS API and ArcGIS Maps for Power BI to automate disaster pin placement, map generation, and regional visualizations, streamlining manual processes and enhancing decision-making accuracy.
- Real-Time Weather and Environmental Data Integration:** Automated the collection and embedding of weather forecast updates and critical environmental factors using APIs and web scraping, improving disaster response planning.

- **Scalable and Efficient Solutions:** Developed scalable Python pipelines to clean, validate, and process large datasets and integrate seamlessly with existing tools for reporting, tracking, and visualization, reducing errors and saving time.
- **Enhanced Reporting and Distribution:** Implemented end-to-end automation for disaster update reports, including validation, formatting, PDF conversion, and email distribution to predefined recipients, optimizing workflow efficiency.

#### Strategic Data & AI Project Manager – JerseySTEM

Remote | January 2025 - Present

- **Led the development of a Business Intelligence platform** to automate data collection, processing, and reporting, enabling JerseySTEM to identify high-value corporate partners for STEM education initiatives.
- Designed and implemented scalable workflows **using tools like RSS feeds, RPA bots (Browse.ai), and AI-assisted searches (Perplexity.ai), automating the aggregation of corporate news from diverse sources.**
- Built a centralized vector database **by integrating SQL queries, Python scripts, and vectorization techniques to store enriched metadata for advanced semantic search and AI-driven analyses.**
- **Configured Salesforce as a centralized repository,** enabling structured storage of company profiles, engagement history, and actionable insights through dynamic dashboards and weekly reports.
- Enhanced decision-making processes **by delivering real-time insights into donor trends, corporate sponsorship opportunities, and STEM-focused CSR initiatives, increasing outreach efficiency by 70%.**
- **Collaborated with cross-functional teams** to align project deliverables with JerseySTEM's fundraising goals while ensuring ethical data practices and compliance with privacy standards.

#### Consultant – New Beginnings Law Center

Remote | December 2024 – Feb 2025

- Spearheaded a Go-to-Market (GTM) strategy for NBLC's expansion into new counties, addressing underserved legal needs and reducing recidivism.
- Conducted community analysis to align operational goals with the specific needs of marginalized populations.
- Partnered with stakeholders to create scalable operational frameworks and identify funding opportunities.

#### Consultant – SailPoint Implementation Planning

Remote | October 2024 – Nov 2024

- Developed a comprehensive project roadmap for a SailPoint IAM implementation, focusing on compliance, data migration, and API integration.
- Proposed strategies for automation in provisioning, role management, and certification workflows to streamline IAM operations.
- Created a staffing plan, milestone tracking, and risk management framework for the implementation project.

## Professional Experience

#### Senior Information Technology Project Manager, i3 Verticals

Louisville, KY | Mar 2022 – June 2024

Spearheaded Enterprise-wide AWS cloud migration & application modernization initiatives (\$2M+) through effective project leadership and infrastructure optimization, including implementation of Jira Service Management (JSM) and consolidation of ConnectWise application for ITSM. Orchestrated the phased shutdown of outdated infrastructure, reallocating resources more efficiently across new cloud services. Collaborate with InfoSecurity and develop a comprehensive enterprise-wide Vulnerability Management Program, incorporating KnowBe4 security awareness training across the organization.

- Leveraged AI-driven predictive analytics to forecast cost savings, resulting in a 20% reduction, and optimized resource allocation to increase operational efficiency by 50%.
- Collaborated with InfoSecurity to implement AI-enhanced tools like Tenable.io for dynamic threat assessment across the enterprise.
- Led EDW migration (ETL processes for data migration and integration projects), ensuring accurate data extraction, transformation, and loading across multiple platforms.
- Lead PCI-DSS 2023 attestation program (\$650k, 50+ stakeholders, and Schellman – auditing firm) and spearhead business case intake process improvement initiative.
- Mitigated program risks across the portfolio and attained key goals by formulating project plans using MS Project.
- Utilized generative AI tools for project planning, conducting risk analysis, and generating comprehensive reports.

- Enhanced data visibility by directing Unified Salesforce Project rollout and integrating CPQ for 2000+ Sales team across 6 verticals, the RFP team, and Marketing. This project involved integration between existing legacy ERP and Salesforce systems. Utilizing microservices, we managed the synchronization of customer data across these two platforms.

#### **Program Manager, i3 Verticals Public Sector**

**Louisville, KY | Sep 2017 – Feb 2022**

Managed the implementation and migration of the iLEMS COTS application (\$900k+) to the FedRAMP-certified Microsoft Azure cloud, establishing a unified and modern electronic licensing platform to accommodate the state's evolving licensing requirements. This platform supports 150 programs, including Pharmacy boards (Iowa, South Dakota, Arizona, Alabama), Alabama Medical Practitioners board, Alabama Office of Attorney General, and Alabama Dental Board. Integrated functions such as credentialing, fee collections, inspections, investigations, and enforcement actions, ensuring accurate credentialing data and robust reporting tools.

- Conducted functional analysis and design for iLEMS eLicensing, supported application software Post Go-Live.
- Coordinated vulnerability scans and accessibility testing with State IT Security teams.
- Facilitated US Bank/NIC integration for real-time payment notifications.
- Managed the transition from MS Access to MS SQL, integrating licensing, accounting, complaints, inspections, and online payment services.
- Improved project goal clarity, streamlined workflows, and maintained high product standards through PI planning.
- Orchestrated Agile development initiatives, sprint planning, stand-up meetings, and utilized JIRA for team velocity tracking.
- Provided project management guidance, developed technical reports, schedules, and presentations for stakeholders.

#### **Agile Project Manager, Walgreens**

**Deerfield, IL | Feb 2017 – Sep 2017**

Oversaw end-to-end development and implementation of Digital Asset Management Project, a centralized platform that manages all brand-related digital assets, such as images, videos, and audio. This platform is designed to bolster global brand consistency and operational efficiency by providing round-the-clock access through a single interface, thus dramatically reducing the time and costs involved in asset management.

- Oversaw the Digital Asset Management Project (AEM 6.2) with 30+ Onsite-Offshore members (Dev. BA, QA, Release engineers), which centralized all brand-related digital assets into a unified, easily accessible platform.
- Collaborated with Walgreens' Engineering team, UX/UI Business team, Sales team, and Digital Asset Management team to define project scope, review progress, demonstrate sprint outcomes, collect feedback, and coordinate with the Product Owner and Development team for necessary adjustments.
- Lead all Agile activities including sprint planning, daily stand-ups, sprint reviews, and retrospectives to ensure that the team adheres to the principles of collaboration, prioritization, and accountability.
- Track team velocity and monitor project progression, assisting Product Teams with story selection and task definition to achieve project milestones.

#### **Scrum Master | Project Manager, Comerica Bank**

**Livonia, MI | Jan 2015 – Feb 2017**

Implemented Wire Fraud Solution including Anti money laundering (AML) (\$8m+) modules and rolled out identity access management (IAM). Fostered vendor relationships and contracts and ensured strict adherence to Service Level Agreements (SLAs) with oversight of multiple vendors, including Cognizant, FIS, and Yodlee. Produced precise technical reports, requirements documentation, and presentations.

- Developed project lifecycle documentation (SDLC), including meticulous project plans and facilitated peer and stakeholder approvals for phase gate reviews.
- Directed day-to-day project operations, encompassing progress monitoring, resource management, issue resolution, and timely stakeholder communication.
- Partnered with cross-functional teams to coordinate logistical and technical requirements. Spearheaded scheduling operations, across IT security, IT facilities, and simulated testing environment.
- Ensured 100% uptime for critical applications, exceeded SLAs, and elevated client satisfaction through meticulous oversight and proactive maintenance.
- Orchestrated successful initiation, management, and closure of projects valued at \$8M.

- Implemented Identity Access Management (IAM) to ensure that the appropriate users have correct access to various banking sites, tools, and services.

## Scrum Master, Cognizant

Phoenix, AZ and New Jersey, NJ | Jun 2012 – Dec 2014

Conducted sprint reviews with product stakeholders and sprint retrospectives with team. Assumed roles of Projects Test Lead and Program Test Lead. Managed QA testing team of 20-25 members both onshore and offshore. Created testing schedules, established QA standards, and defined quality objectives, ensuring adherence to client specifications. Formulated testing strategies, plans, scenarios, cases, scripts, and data.

- Coordinate with the Sabre PMS, WHG PMS (Property Management System) Product Team, Cognizant QA, BA, and Development teams for their PMS software upgrade, which was deployed across 180+ properties in North America.
- Coordinated with QMO, UAT, release management, Change Management, WHG engineering, and senior leadership teams for test environments and release cycles.
- Facilitated sprint planning, daily standup, and core team technical meetings.
- Orchestrated UAT coordination among Business, WHG Engineering, BA, QMO, and PMO teams.

## Additional Experience

**Senior Associate**, Cognizant, Kolkata, India (2010 – 2012)

**Lead Software QA Tester**, Polaris Networks dba Dynamic Digital Technology, Kolkata, India (2007 – 2010)

## Key Projects

- AWS Migration and Rackspace Decommission | AWS Cloud, RDS Custom, AWS MGN, S3, Cloudflare, EC2, Lambda, EDW migration
- Security | Tenable.io, Knowbe4, IAM, Veracode
- ETL Processes | Data Migration and Integration
- PCI 2023, Enterprise Salesforce, CPQ
- Public sector (E-licensing) | MS SQL, FedRAMP Azure Cloud Migration
- Digital Asset Migration (DAM) | AEM 6.2
- Wire Fraud Solution | NICE Actimize, Mainframe (Hogan)
- PMS (Sabre / WHG Property Management Software) | Java, .Net, PHP, Oracle

## Technical Proficiencies

**Cloud Technologies:** Azure, AWS, Private Cloud, Cloudflare, Rackspace Cloud, Azure Migrate, Azure DMS, AWS Lambda, Amazon EC2, Amazon RDS, AWS MGN, Amazon S3, Terraform

**Security:** Tenable, Knowbe4, Veracode, NICE Actimize (for Wire Fraud Solution), IAM

**ETL Tools:** AWS Glue, AWS Data pipeline, Azure Data Factory

**Compliance:** PCI-DSS

**Agile Methodologies:** Scrum, Kanban

**Project Management Tools:** Clarity (CA PPM), SharePoint, Microsoft Project, Smartsheet, Kantata, MS Office Suite, Atlassian Tools (JIRA, JSM, JQL, Confluence, Cost Tracker), Power BI, ConnectWise.

**Programming language:** SQL, Python, Java

**AI Tools:** Generative AI tools including Microsoft Copilot, ChatGPT, and custom GPT plugins

## Education

**Master's Degree in Software Engineering**, Anna University, Chennai, IN (2005)