

# KARAN PRATAP SINGH

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Technical Project Manager with 5+ years of experience in software development, cloud infrastructure, and AI-driven solutions. Proven ability to lead cross-functional teams, manage multi-million-dollar budgets, and drive cost-effective, scalable digital transformation. Skilled in Agile methodologies, risk management, stakeholder engagement, SDLC, budgeting, OKRs and KPI-driven execution to enhance business efficiency and revenue growth.

## PROFESSIONAL EXPERIENCE

### Proftek Systems

Dallas, TX

#### Technical Project Manager

Mar 2025 - Present

- Led the development and deployment of **enterprise software solutions**, improving **delivery speed by 35%** and reducing **time-to-market by 25%** using Agile, DevOps, and CI/CD pipelines.
- Facilitated C-suite reporting**, translating technical project updates into financial and operational insights, leading to 30% faster project approvals and **reduced escalations by 20%**.

### Walmart Global Tech (Contract via RTC Tek)

Dallas, TX

#### Program Manager at AI Labs

Aug 2024 - Jan 2025

- Spearheaded the **AI-driven transformation** of Walmart's **\$70B International Business Growth (IBG)** financial forecasting platform, automating processes with a **GenAI chatbot** and reducing manual reporting by 30%.
- Directed a 42-person multi-functional team** across **engineering, product, and finance**, implementing KPI dashboards, risk controls, and governance models to enhance forecasting accuracy.

### Round The Clock Technologies

Dallas, TX

#### Technical Project Manager intern

Mar 2024 - May 2024

- Delivered Pay by Bank (ACH) integration within 5 months**, increasing **B2B adoption by 30%** while ensuring **compliance with financial regulations**.
- Optimized predictive analytics tools**, improving **forecasting accuracy by 30%**, aligning business KPIs, sprint planning, and stakeholder reporting.

### Walmart Global Tech (Contract via Qualitest)

Noida, India

#### Technical Project Manager

Apr 2021 - Jul 2022

- Led program execution for a **\$750M+ AI-driven software fulfillment system**, reducing **logistics costs by 12%** and increasing annual revenue by **\$500M+** through **automated inventory optimization**.
- Reduced stockouts by 15%** and improved delivery speed by 20% using AI-driven demand forecasting, API integrations, and process automation.

### Adobe (Contract via Qualitest)

Noida, India

#### Senior Software Engineer, Analytics and Insights

Aug 2018 - Apr 2021

- Restructured product pricing models for Adobe's **\$10B+ revenue SaaS business**, increasing **ASP by 10%**, leveraging **SQL-based data analytics** and **historical sales forecasting**.
- Developed interactive Tableau dashboards**, improving **weekly reporting efficiency** for **400K+ data points**, supporting C-suite decision-making on global revenue performance.

### Nirwani Technologies Pvt. Ltd.

New Delhi, India

#### Software Engineer

Jun 2017 - Nov 2017

- Built high-performance banking applications**, integrating **secure Python-based APIs** to enable real-time financial transactions.
- Optimized financial data pipelines**, reducing transaction latency by **20%** using **MongoDB, HDFS, and RabbitMQ**.

## EDUCATION

Master of Science in Business Analytics, Jindal School of Management, The University of Texas at Dallas

May 2024

Bachelor of Technology in Computer Science and Engineering, Dr. A. P. J. Abdul Kalam Technical University, India

Jun 2018

## SKILLS & CERTIFICATIONS

**Program Management:** Agile, Scrum, Kanban, Risk Mitigation, Change Management, Vendor Negotiation, Budgeting, P&L, Business Strategy, OKRs, Process Optimization

**Technical Skills & Tools:** Jira, Confluence, MS Project, AWS, Azure, DevOps, Tableau, SQL, Power BI, Python, API Integrations

**Certifications:** Project Management Professional (PMP), Certified ScrumMaster (CSM), Google Data Analytics, AWS Certified Solutions Architect Associate, Microsoft Certified: Azure AI Fundamentals

## ACADEMIC PROJECTS

**Conagra Hackathon:** Identified a **\$67M untapped market** using **predictive analytics and Power BI**. ([Github](#))

**Powerlifting Analysis:** Analyzed **performance factors in powerlifting competitions**, driving data-driven insights. ([Github](#))

## LEADERSHIP & ACCOMPLISHMENTS

- Head of Technology** – Rinnegan Technologies Pvt. Ltd.
- Global Leadership Award Winner** – Qualitest (Top 500 Employees)
- Co-founded** - The Product League at UTD (Led the University's Largest Panel Discussion)