

PRASHANTH KUMAR NAGAPAGA

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📌 **U.S. Citizen – No Work Authorization Required for U.S. Roles**
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EXECUTIVE SUMMARY

I empower IT leaders and cross-functional teams to drive business growth through secure, scalable technology solutions. With 22+ years of experience, I have led large-scale IT transformations, cloud migrations, and cybersecurity initiatives across U.S. federal/state agencies, Fortune 500 companies, and global enterprises, partnering with top consulting giants like **KPMG, IBM, Deloitte, Capgemini, and CGI**.

I've held diverse roles, including **Technical Program Manager, Solution Architect, and Enterprise IT Consultant**, driving technology-led business impact across government, healthcare, finance, and smart utilities. My expertise spans **technology strategy, IT leadership, and product innovation**, ensuring efficiency, security, and digital transformation across key industries.

CORE STRENGTHS & IMPACT

✔️ Technology Strategy, Cloud Transformation & Enterprise IT Modernization

- Defined technology strategy for multi-million dollar cloud migration, ensuring security, compliance, and scalability.
- Developed IT roadmaps & architectural blueprints, driving technology initiatives to enhance operational efficiency.
- Hands-on experience in Full-Stack Web & Mobile Development (Java, Spring, Struts, PhoneGap).
- Modernized legacy IT systems, enabling real-time integration across 52+ US state government agencies.

✔️ Cybersecurity, Compliance & Risk Management

- Implemented 135+ security controls, ensuring risk mitigation & compliance with FISMA, NIST, and federal regulations.
- Implemented security solutions to deidentify production data, enabling compliant datasets for staging and development.

✔️ Enterprise IT Leadership, Digital Transformation & Consulting

- Led large-scale IT transformations, managing cross-functional teams across engineering, data science, and infrastructure.
- Partnered with top consulting firms to drive IT strategy, system integration, and digital transformation.

✔️ Product Management & GTM Strategy (EMBA Experiential Learning)

- Developed expertise in product strategy, UX, and agile execution through an Executive MBA.
- Capstone Project: Designed a Medical Records Management System with end-to-end product management frameworks.
- Internship (Chara Technologies): Created a GTM strategy for rare-earth-free electric motors.

✔️ AI Thought Leadership & Data-Driven Insights

- Applied AI/ML concepts, Python, R, and Jupyter Notebooks for analytics & product insights.
- Explored Gen AI foundation models with AWS Bedrock, implementing Retrieval-Augmented Generation (RAG).
- Presented at Bangalore DataOps Meetup (1,800+ members) on leveraging CrewAI for AI-driven productivity.

PROFESSIONAL EXPERIENCE

🎓 Executive MBA Candidate – Product Management

Institute of Product Leadership | Sep 2022 – Mar 2025 | Bangalore, India

- Developed strategic product thinking through 15+ experiential courses covering product vision, AI applications, growth strategies, and GTM execution.
- Capstone Project: Designed a Medical Records Management System, applying end-to-end product management frameworks from ideation to delivery.
- Internship (Chara Technologies – Deep-Tech Startup): Led GTM strategy, focusing on market research, product positioning, and commercialization of rare-earth-free electric motors.
- Built AI-powered AWS Solution Architect Agent using Bedrock & RAG to automate cloud architecture planning.
- Presented at Bangalore Meetup (1,800+ members) on leveraging CrewAI for productivity in product management.
- Published AI and product strategy insights through blogs, videos, and industry engagement.

- Hosted a Product Conversation with the Co-founder of CenterShops (Ethical Food Delivery Startup).

IT Delivery Lead | Technical Program Manager

ICF, Health and Human Services | Jun 2014 – Apr 2022 | Washington, DC, USA

- Spearheaded digital transformation, operations, and cybersecurity initiatives for U.S. federal child welfare IT systems.
- Orchestrated the cloud transformation of a federal reporting system, collaborating with C-Suite & cross-functional teams to define strategy & execution.
- Conducted comprehensive reviews of 20+ U.S. state agencies for two federal reporting systems (AFCARS & NYTD), ensuring data accuracy, compliance, and governance through technical leadership.
- Directed legacy IT decommissioning, integrating real-time data exchange across 52+ U.S. state agencies.
- Designed and implemented 135+ cybersecurity controls, securing federal data in line with FISMA & NIST standards.
- Implemented critical data security solution, removing PII from production data, enabling secure datasets for staging & testing while ensuring regulatory compliance.
- Impact: Reduced operational costs by 30%, enhanced system resilience, accelerated software delivery, and strengthened federal compliance & data security.

Technical Architect | Business Analyst

TEKsystems | KPMG, PA DPW | May 2012 – Apr 2014 | Harrisburg, PA, USA

- Designed the Child Welfare Data Reference Model (CWDRM), standardizing data architecture for PA's statewide transformation of 50+ IT systems.
- Led business process re-engineering (BPR), aligning stakeholders on future-state system architecture and operational efficiencies.
- Established enterprise-wide interoperability using TOGAF, FEA, and NIEM, ensuring data integration across agencies.

Additional Experience in Consulting & Technology Leadership

Compuware, CGI, Capgemini, Cognizant, Computer Aid Inc., IBM, India Satcom Limited | Jan 2000 – Apr 2012

Roles: Technology Consultant | Solution Architect | Software Engineer

- Engineered a secure integration for a statewide Health Benefits Exchange (HBE), ensuring HL7 and MITA compliance.
- Developed a SACWIS-integrated risk assessment tool, standardizing child safety evaluations with decision support.
- Designed a case management system for New York law enforcement for domestic incident tracking and resolution.
- Optimized energy infrastructure with smart grid solutions and predictive analytics, improving operational efficiency.
- Built an automated insurance policy system for Nationwide, streamlining customer self-service and policy registrations.
- Developed a healthcare benefit enrollment platform for UHG, ensuring regulatory compliance and user experience.
- Enhanced security & workforce management by developing HR and biometrics-based identity verification systems.
- Led corporate Java training and developed quality management systems, improving technical skills.

AWARDS & RECOGNITION

-  US Department of Health & Human Services (DHHS), ACF – Organizational Team Achievement Award (2015)
-  IBM BRAVO Award – Successful Release of IBM HR IT Solution (2002)

INDUSTRIES & CLIENTS SERVED

-  Public Sector & Government: U.S. Federal & State Agencies (OH, NY, PA, Children's Bureau)
-  Automotive & Transportation: Ford Motor Company, Schneider National
-  Telecom & Utilities: AT&T, Aclara Smart Infrastructure Solutions
-  Insurance & Finance: Nationwide
-  Healthcare & Life Sciences: UnitedHealth Group (UHG)

EDUCATION & CERTIFICATIONS

-  Executive MBA in Product Management (Mar 2025) | Institute of Product Leadership, Bangalore, India
-  Bachelor of Engineering (1999) | BMS College of Engineering, Bangalore University, India
-  **Certifications**
 - Certified Capgemini Engagement Manager (2008)
 - US Federal Government Information System Security Officer (ISSO) – (2015)