Vishal Pandya

TECHNICAL LEAD · SOLUTIONS ARCHITECT · AI-ENABLED DELIVERY

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I turn messy business problems into clear architecture, calm engineering teams, and software that holds up in production.

PROFILE

For 25 years I've sat in the room where the business problem gets explained, then stayed long enough to see the software actually ship. That's the job I like: listening first, drawing the architecture on a whiteboard everyone understands, and then leading the team that builds it.

I've done that for Fortune 500 companies at Dell Technologies, for city agencies in Washington, DC, for Corning and the State of Michigan, and lately for my own AI-first products. Today most of my work blends cloud-native SaaS with generative AI — OpenAI, Claude, Gemini, RAG and workflow automation — used where it saves real hours, not for show.

CORE STRENGTHS

Solution & technical architecture · Client discovery, demos & stakeholder alignment · Leading distributed engineering teams · Generative AI · LLMs · RAG · prompt engineering · Cloud-native SaaS & API design · Requirements, scope & acceptance criteria · Testing, release & production readiness · Security, governance & risk (FedRAMP / FISMA) · DevOps, CI/CD & workflow automation · Cloud migration & modernization · Documentation, coaching & knowledge transfer

EXPERIENCE

Principal Solutions Architect — AI Product & Cloud Strategy

Panchatantra LLC · Melbourne, FL · Jun 2022 – Present

- Own architecture and delivery for a family of AI-powered SaaS products — HomeHealthQ, HomeLifeQ, CREAIOS and Mazall — from first sketch to production.
- Turn founder ideas into MVP scope, user stories, release plans and a backlog developers can start on Monday morning.
- Design the plumbing: REST APIs, serverless services, auth, relational data, event-driven workflows and secure multi-tenant SaaS.
- Put OpenAI, Claude and Gemini to work with RAG, vector search, document processing and chat interfaces; run the proofs of concept that decide what's worth building.
- Keep developers, QA, designers and vendors pointed the same way through testing, CI/CD, quality reviews and release readiness.

Principal Solution Architect — Client Strategy & Support

Dell EMC / Dell Technologies · Melbourne, FL · Feb 2018 – Jun 2022

- Trusted advisor to Fortune 500 and global customers running complex hybrid and multi-cloud estates; translated their goals into target architectures and modernization roadmaps.
- Carried engagements end to end — assessment, design, implementation planning, onboarding, knowledge transfer and long-term support.
- Brought executives, architects, engineers and offshore teams to agreement, turning competing priorities into clear decisions, owners and milestones.
- Ran architecture reviews, proofs of concept and production-readiness reviews across VMware, Azure, Google Cloud and DevOps automation.

Senior Cloud Delivery Specialist — Hybrid Cloud Services

Virtustream, a Dell Technologies company · Washington, DC · Dec 2015 – Feb 2018

- Coordinated enterprise cloud implementations and migrations — milestones, dependencies, risks and operational readiness.
- Worked hand in hand with architecture, engineering, operations and customer success to clear blockers and hand workloads cleanly into support.
- Supported VMware-based hybrid-cloud migrations for commercial and public-sector customers.

Application Architect — Cloud & Applications

Office of the CTO, Government of the District of Columbia · Washington, DC · Jun 2010 – Dec 2015

- Led architecture and modernization for large city agencies and services residents depend on every day.
- Defined cloud and application strategy on VMware vRA/vCAC, OpenStack, AWS delivery models, SaaS/PaaS, .NET and SharePoint.
- Drove cloud automation, data-center consolidation and application modernization through standards, roadmaps and support models.
- Applied FedRAMP and FISMA principles to security architecture and risk management.

Senior .NET & Cloud Solutions Architect

Analysts in Media · New York, NY · May 2009 – Apr 2010

- Led web, cloud and CMS delivery from requirements through QA, UAT, deployment and support; directed and mentored a globally distributed team.

Senior Web Team Lead / Project Coordinator

Corning Incorporated · Corning, NY · Sep 2007 – Mar 2009

- Coordinated web, automation and integration projects across business units, including governance documentation and ISO 9002 audit artifacts.

Senior Web Developer / Junior Application Architect

State of Michigan · Lansing, MI · Jun 2006 – Sep 2007

- Designed .NET applications for public services and led a small team through code reviews, Agile/Lean delivery and production readiness.

Software Engineering Consultant

India & New York Metro · May 1999 – Jun 2006

- Built custom software, integrations and QA for government, healthcare, finance, manufacturing and technology clients across the full SDLC.

TECHNOLOGY

AI & engineering workflows: Generative AI, LLMs, OpenAI, Claude, Gemini, prompt engineering, RAG, vector search, AI-assisted development, intelligent automation

Architecture & infrastructure: Enterprise/solution architecture, hybrid & multi-cloud, VMware, Azure, GCP, AWS, OpenStack, serverless, REST APIs

Software & data: .NET, C#, Java, JavaScript, TypeScript, React, SQL Server, PostgreSQL, Oracle, SharePoint, Salesforce, CMS

Delivery & quality: Agile/Scrum/Kanban, SDLC, CI/CD, testing coordination, release planning, security, governance, risk & dependency management

EDUCATION & CREDENTIALS

- M.S., Information Technology Management — Champlain College
- Postgraduate coursework in AI, Machine Learning & Human-Computer Interaction — Georgia Tech
- Postgraduate Degree, Software Engineering / Computer Science — Gujarat University
- B.S., Biochemistry — Gujarat University

Certifications: VCP-Cloud (VMware) · Six Sigma Yellow Belt · Artificial Intelligence Certificate — Georgia Tech · Human-Computer Interaction — Georgia Tech

Authorized to work in the United States for any employer