

VISHNU TADIMETI

Full-Stack Engineer | MicroFrontend Architect | Enterprise Software Leader

10 Years at DellEMC | Purdue CIT graduate | Coding since age 9

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Professional Summary

Started as a Founding Engineer and spent 10 years at DellEMC, writing the first lines of code for PowerProtect Data Manager and helping grow it from an internal project into a Strategic Business Unit within Dell Technologies. Designed and shipped large-scale platform architectures, developer tooling, and production systems used by thousands of enterprise customers. Led cross-functional teams across California, Israel, and India.

Technical Skills

Languages: TypeScript, JavaScript, Java, Python | **Frontend:** Angular, React, Vue.js, Webpack 5 Module Federation, MicroFrontend Architecture | **Backend:** Node.js, Express, REST APIs, GraphQL, Spring Boot | **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, Jenkins, CI/CD, Cypress | **AI/ML:** LLMs, RAG, Vector DBs, Computer Vision | **Data:** MongoDB, PostgreSQL, Redis, Elasticsearch | **Practices:** Certified Scrum Master, Product Owner, Cross-Team Release Planning

Professional Experience

Founding Engineer / Senior Full-Stack Developer — DellEMC (Dell Technologies)

Irvine, CA & Santa Clara, CA | May 2016 – April 2026

- Led migration from monolithic Angular to MicroFrontend architecture (Webpack 5 Module Federation), enabling modular deployments across 3 product lines and empowering 35 independent teams to ship autonomously
- Designed and built a job orchestration engine for backup/recovery workflows across VM, NAS, and Kubernetes — hundreds of concurrent jobs, 99.9% SLA compliance, 75% increase in backup success rates
- Built an LLM-powered knowledge system (RAG + vector DB) ingesting 100+ API references — 1,000+ queries/day at 95% accuracy, cutting resolution time by 55%
- Configured CI/CD pipelines (Jenkins + Cypress), created real-time test dashboards, and reduced new engineer ramp-up time by 63% through structured onboarding programs
- Automated tarball patching across form factors (hackathon project), reducing deployment time by 70%
- Served as Certified Scrum Master and Product Owner, coordinating sprint and release planning across distributed teams. Won multiple engineering excellence awards

Technical Architect (Part-Time / Weekends) — StartupCrafters, Venture Studio

Hyderabad, India (Remote) | 2021 – Present

- Stayed at the forefront of emerging technologies by architecting full-stack products across SaaS, AI, and Web3 — from idea, tech selection through MVP launch
- Built GPU Cloud Infrastructure (6x NVIDIA A100s) and in-house AI tech stack; hands-on with Vision AI, Generative AI pipelines, IoT embedded systems, and smart contract platforms

Earlier Experience

Deep Learning Engineer (Part-Time) — DeepSight AI Labs | 2017 – 2020 Built "SuperSecure," a deep learning computer vision platform (Edge/Cloud/On-Prem). 20+ pilots across 6 countries in 6 months. Launched at CES 2020, NVIDIA, Intel, and Azure partnerships. Create@Alibaba global semi-finals; runners-up at World LPG Forum.

Education

Bachelor of Science, CIT— Purdue University | 2014 – 2018 Hackathons at UPenn and Purdue. Harvard MUN delegate. Math Olympiad competitor during high school.

Entrepreneurial Background

Started coding at age 9 (UK). FIDE-rated chess player. Built AspireBest.com in 9th grade — peer-to-peer learning platform, 45,000+ members, TEDx speaker at IIM Raipur, featured in Times of India. Co-founded "Illuminus", organized ACE-MUN (1,200+ participants, ~\$100K revenue). Won TiE India-level Business Plan Competition at ISB; represented India at TiE Global in Vancouver. Mentored by Srinu Koppolu (MD, Microsoft India).