

SANTOSH PANDEY

AI Product Architect | Engineering Manager | Frontend & Platform Modernization Leader

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PROFESSIONAL SUMMARY

AI & Digital Transformation Leader with 18+ years of experience delivering enterprise platforms, scalable frontend architecture, AI-enabled products, and modernization initiatives across Healthcare, SaaS, eCommerce, Digital Transformation, and eLearning domains. Proven expertise in leading cross-functional engineering teams, driving platform scalability, implementing micro-frontends, and building AI-assisted products using modern web and automation ecosystems.

CORE SKILLS

AI / Automation: Generative AI, AI-enabled Applications, Workflow Automation, N8N, Replit, Lovable, Claude

Frontend / UI Engineering: React.js, Vue.js, Angular, Next.js, JavaScript, TypeScript, Micro Frontends, Storybook

Backend / Platform: Node.js, APIs, Microservices, Cloud Platforms, CI/CD, Observability

Leadership: Engineering Management, Delivery Leadership, Architecture Governance, Team Scaling, Stakeholder Management

Engineering Excellence: Performance Optimization, Accessibility (WCAG), Modular Design Systems, Enterprise SaaS Delivery

PROFESSIONAL EXPERIENCE

Bigwize Solutions — Co-Founder / Director Technology | Dec 2025 – Present

- Architected and Building lead generation multi segment platform using React, Node.js microservices, and scalable cloud infrastructure.

Brightly Software (A Siemens Company) — Engineering Manager | Aug 2022 – Present

- Leading a 15+ member engineering team delivering enterprise SaaS products.
- Drove Micro-Frontend migration using Vue 3 + Storybook, improving modularity and deployment independence.
- Established engineering standards across CI/CD, observability, reliability, accessibility, and incident management.

Bed Bath & Beyond — Technology Lead / Architect | May 2019 – Aug 2022

- Designed scalable frontend systems for high-traffic eCommerce platforms.
- Led reusable component architecture, performance optimization, and Next.js / Micro-Frontend adoption.
- Managed offshore engineering delivery and collaborated with global product teams.

Iris Software — Solutions Consultant | Dec 2018 – May 2019

- Built pilot solutions for PDF-based intelligent insight extraction.
- Supported solution architecture and enterprise proposal engineering.

Publicis Sapient — UI Lead | Apr 2010 – Dec 2018

- Delivered enterprise digital transformation programs for global clients.
- Led frontend architecture and offshore engineering teams for large-scale web platforms.

Magic Software — Programmer | Apr 2006 – Mar 2010

- Developed enterprise applications and multilingual eLearning / simulation platforms.
- Worked on SCORM / AICC-compliant systems using web and Microsoft technologies.

PROJECT / DOMAIN EXPOSURE

- Healthcare AI / HealthTech – Diagnostic report intelligence, AI clinical summaries, biomarker interpretation
- Enterprise SaaS – Asset / operations platforms, engineering scalability, accessibility compliance
- eCommerce / Retail – High-traffic commerce platforms, modular UI systems, performance engineering
- Digital Transformation – Enterprise modernization, platform architecture, cross-functional delivery
- eLearning / EdTech – Simulation systems, multilingual courseware, standards-compliant platforms

RECOGNITION

- Global Award – Circle of Excellence, Brightly Software (2025)