

PIYUSH CHANDRA

Founder of Takkn | Director of Software Engineering | Product Designer

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EXECUTIVE SUMMARY

Product Designer, Full-Stack Engineer, and Technology Leader with over 12 years of experience building secure mobile products, AI platforms, enterprise cloud architectures, and high-performing software engineering teams. Proven track record of managing global teams of 25+ engineers, driving a ~42% efficiency increase through structured AI-assisted engineering workflows, architecting enterprise systems for 1M+ concurrent users, and independently founding and scaling Takkn from initial product concept through production launch.

CORE COMPETENCIES & TECHNICAL CAPABILITIES

- **Founder & Product Leadership:** Product Vision & Strategy, UX/UI Design, Monetization Systems, Product Roadmaps, User Journeys, Feature Prioritization, Founder-Led Execution.
- **Engineering Leadership:** Global Team Management (25+ Engineers), Technical Direction, Architecture Governance, AI Adoption (~42% Gain), Agile/Scrum Delivery, Risk Management.
- **Mobile & Product Engineering:** React Native, Expo, React, TypeScript, JavaScript, iOS, Android, WebRTC (Audio/Video Calls), Offline Storage, Mobile Security, Native Integrations.
- **Backend, Data & Cloud:** NestJS, .NET Core, C#, Python, PostgreSQL, Redis, AWS, Azure, Docker, Kubernetes, Microservices, Event-Driven Systems (Kafka, RabbitMQ), CI/CD Automation.
- **AI & Intelligent Systems:** Generative AI, OpenAI APIs, AI Agents, Prompt Engineering, Structured Validation, OpenCV, Tesseract OCR, Document Intelligence, MRZ Parsing.

PROFESSIONAL EXPERIENCE

Founder, Product Designer & Full-Stack Engineer | Takkn

2024 – Present (Transitioning to Full-Time Sept 2026) • Bengaluru, India

Independently conceived, designed, engineered, secured, and operated Takkn — a private, couple-first relationship platform across product strategy, UX, mobile applications, backend microservices, real-time communication, AI, cloud infrastructure, and security.

- **Product Vision & Roadmap:** Defined couple-first value proposition, feature prioritization, privacy policies, and subscription monetization model.
- **React Native Mobile App:** Built high-performance cross-platform mobile application in React Native and Expo for iOS and Android.
- **Real-Time Voice & Video Engine:** Implemented custom WebRTC audio/video calling infrastructure with dedicated TURN servers and signaling pipelines.
- **End-to-End Security & Encrypted Messaging:** Engineered end-to-end encrypted messaging, secure media delivery pipelines, and privacy-first architecture.

- **AI Date Planner:** Created a conversational date planner grounding GPT recommendations in real-time location data, verified operating hours, and route constraints.

Director, Software Engineering | Tandym Group

April 2026 – August 2026 • Bengaluru, India

Managed 5 software engineers and led the focused 1-month delivery of an AI-assisted candidate ingestion and resume parsing platform replacing commercial vendor Daxtra.

- **1-Month Execution & Production Launch:** Delivered complete candidate ingestion platform within a 30-day turnaround cycle, launching to production on June 23, 2026.
- **High Automation & Success Rate:** Achieved ~96% final-state parsing success rate and ~86% straight-through automation on candidate resumes.
- **AI Intelligence & Human-in-the-Loop:** Designed confidence scoring algorithms, duplicate conflict resolution queues, and human-in-the-loop review interfaces.
- **Vendor Cost Elimination:** Replaced recurring per-parse commercial vendor licensing fees, eliminating vendor lock-in.

Director, Software Engineering (Promoted from Associate Director) | Korn Ferry

August 2021 – April 2026 • Bengaluru, India

Led global engineering organization of 25+ team members across career intelligence, assessment analytics, enterprise integrations, AI adoption, and centralized data architecture.

- **Leadership & Promotion:** Promoted from Associate Director (Aug 2021 – Jan 2026) to Director of Software Engineering (Jan 2026 – Apr 2026) managing 25+ engineers across 3 global scrum teams.
- **AI-Assisted Productivity Boost:** Driven ~42% developer efficiency improvement across engineering teams through structured AI tool adoption and automated workflows.
- **High-Scale Architecture:** Architected enterprise career platform infrastructure engineered to support 1M+ concurrent active users.
- **Enterprise Intelligence Platforms:** Directed engineering for Korn Ferry Intelligence Cloud, Career for Technology, and Microsoft Teams enterprise integrations.
- **Global Assessment Analytics:** Managed analytics platform enhancements for Assessments utilized by 500+ global enterprise clients.

Senior Software Engineer | 01 Systems

October 2019 – August 2021 • Bengaluru, India

Independently developed identity-document intelligence APIs and eKYC solutions using computer vision, custom OCR models, and automated document field extraction.

- **Imagery Intelligence API:** Built identity processing API in .NET Core & OpenCV to scan, preprocess, and extract data fields from multi-country government ID cards.
- **Custom OCR & Preprocessing:** Trained custom Tesseract OCR models for specialized fonts (OCRB) and integrated OpenCVSharp filters for skew and lighting correction.
- **Banking eKYC Mobile Integration:** Created Android eKYC mobile application integration for Arab Bank identity verification.

Programmer Analyst II | Boeing

April 2018 – October 2019 • Bengaluru, India

Built regulated engineering and airplane certification software while improving Agile delivery, release automation, and technical governance.

- FAA Certification Automation: Automated FAA commercial airplane certification workflows (Forms 8130-1, 8130-6, checklist evaluation engine).
- Digital Signature Engine: Created PKI certificate-based digital and electronic signature validation engine for regulated PDF documents.
- 6 Pride@Boeing Awards: Completed 2 high-impact stretch projects independently from scratch, earning 6 Pride@Boeing awards in a single year.

Application Development Senior Analyst | Accenture

January 2014 – January 2018 • Bengaluru, India

Delivered and supported enterprise banking applications across service-oriented architecture, CMS web portals, integration services, and production operations.

- Nordic Banking Web Portal: Developed Santander Consumer Bank Sweden web portal using EPiServer CMS, WCF, and ASP.NET MVC.
- 25+ Banking Apps Managed: Maintained 25+ financial and banking applications under strict SLAs, delivering production support and feature enhancements.
- ACE Alchemist Award: Engineered 3 automated productivity tools saving \$1,500 annually, earning Accenture ACE Alchemist Award.

MICROSOFT CERTIFICATIONS

- MCSD: Web Applications — Microsoft (Jun 2016)
- Developing Microsoft Azure Solutions — Microsoft (Jun 2016)
- Programming in HTML5 with JavaScript and CSS3 — Microsoft (Jun 2016)
- MCTS: .NET Framework 4, Data Access (Credential F381-7871) — Microsoft (Jul 2015)
- MCTS: .NET Framework 4, Service Communication Applications (Credential F381-7398) — Microsoft (Jul 2015)
- MCTS: .NET Framework 4, Web Applications (Credential E829-3878) — Microsoft (May 2014)
- MCPS: Microsoft Certified Professional (Credential E929-6822) — Microsoft (May 2014)