

Suraj Singh Dheman

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CAREER OBJECTIVE

Visionary Technology Leader with 16 years of experience driving engineering excellence, digital transformation, and platform innovation across Web, Mobile, AI/ML, and FinTech platforms. Targeting a challenging leadership role as Chief Technology Officer (CTO) or Head of Technology to architect enterprise-scale platforms, lead high-performing engineering teams, and align technology strategies with business goals to accelerate growth and innovation globally.

PROFILE SUMMARY

- **Technology Strategy & Platform Modernization:** Proven success in architecting and executing engineering strategies that align with product roadmaps, driving API enablement, platform modernization, and observability initiatives to boost scalability & performance.
- **Financial Governance & Vendor Management:** Proven P&L and budget ownership, driving significant cost optimization and managing large-scale technology programs through strategic vendor/partner negotiations.
- **Strategic Engineering Leadership:** Strategic Engineering Leader with extensive experience leading end-to-end delivery across Mobile Apps, AI/ML Platforms, and Fintech systems, currently managing a 30-member team at Network18 – Moneycontrol.
- **Fintech Domain Expertise:** Deep exposure to credit/lending architectures, regulatory compliance, and bureau integrations, with a focus on secure, scalable, and resilient financial platforms.
- **Holistic Risk & Delivery Management:** Expert in embedding DevSecOps, security best practices, and agile frameworks across the SDLC to manage risk, ensure compliance, and accelerate quality-driven product delivery.
- **AI/ML and Data-Driven Personalization:** Hands-on experience integrating AI/ML models for platform personalization and behavior analytics, enhancing customer engagement and decision-making capabilities.
- **Cross-Functional Stakeholder Collaboration:** Effectively engaging with C-suite executives, product managers, designers, and compliance officers to drive digital transformation and achieve strategic business outcomes.
- **High-Performance Team Building:** Proven mentor and people leader, skilled in building and scaling engineering teams, conducting skill gap assessments, and fostering a culture of innovation and ownership.

CORE COMPETENCIES

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| • Technology Strategy & Roadmap | • Cloud Computing & DevOps (CI/CD) |
| • Platform Engineering & Scalability | • Client & Stakeholder Engagement |
| • Mobile App Development (Android/iOS) | • Team Building & Cross-functional Leadership |
| • FinTech Architecture (Lending, Compliance) | • Budgeting & Cost Optimization |
| • Artificial Intelligence / Machine Learning | • Agile Delivery & SDLC Governance |
| • Information Security & Data Privacy | • Regulatory Compliance & Audits |

TECHNICAL SKILLS

- **Platforms & Architecture:** Web & Mobile Application Architecture, Microservices, Server-Driven UI, System Design
- **Web & Mobile Development:** NextJS, ReactJS, Angular, Java, Kotlin, Objective C, Swift, Flutter, KMM
- **Backend & Databases:** NodeJS, ASP.NET Core, Python, GoLang, MySQL, MSSQL, Firestore, MongoDB
- **AI & Machine Learning:** Gemini, OpenAI, Llama, Deepseek, Prompt Engineering, Langchain, Lang-Graph
- **Cloud & DevOps:** Google Cloud, AWS, Azure, Digital Ocean, Jenkins, Sonarqube, CI/CD, Akamai
- **Web3 & Blockchain:** Cryptocurrency Exchange Architecture, Smart Contracts, Blockchain Protocols

PROFESSIONAL EXPERIENCE

Engineering Manager (Mobile App, AI & FinTech) | Network18 (MoneyControl) | Jun 2022 – Present

Key Result Areas:

- Translated organizational objectives into tangible engineering KPIs (e.g., platform uptime, Core Web Vitals, crash-free rates, and release velocity), aligning technology initiatives with strategic business goals.
- Directed a 30-member organization comprising Tech Leads and diverse platform squads (Web Front-end, Backend, Android, iOS, & Flutter), steering strategic execution and fostering a culture of high ownership and innovation.
- Spearheaded the integration of third-party Fixed Deposit and Credit Bureau capabilities, expanding the FinTech product suite and driving platform diversification.
- Uplifted platform security by embedding robust protocols across front-end, back-end, and services, and directed initiatives to successfully pass cybersecurity audits and vendor compliance assessments.
- Established a data visualization practice to translate raw system data into actionable insights, empowering product and marketing teams with dashboards and reports for strategic analysis.
- Engineered an AI-powered suite of tools for intelligent code generation, automated PR reviews, and multilingual content creation, significantly accelerating developer productivity and content velocity.

Key Deliverables:

- Owned the end-to-end architecture for high-traffic web (React/NextJS) and mobile platforms, maintaining a 99.5% crash-free user experience to ensure reliability at scale.
- Led the modernization of the company's technology stack across web, mobile, and backend services; revamped legacy systems with modern frameworks like React/NextJS for web and Kotlin/Swift/Flutter for mobile.
- Architected and implemented a server-driven UI framework to enable dynamic content delivery, significantly improving feature release agility and personalization capabilities.
- Drove significant cost optimization initiatives, reducing Akamai CDN and GCP cloud expenditure by 50% through architectural redesign and strategic resource management.
- Accelerated hiring by onboarding over 12 engineers through refined skill frameworks and interview workflows, enhancing team quality and efficiency.

Product Architect | Appyhigh Technologies LLP | Sept 2021 – Jun 2022

- Directed platform stability and security for a suite of Direct-to-Consumer (DTC) apps with over 150 million downloads.
- Improved app performance by minimizing ANRs and crash rates, and fortified security by implementing automated (MobSF) and manual code reviews in compliance with OWASP standards.
- Led end-to-end UX/UI implementation and facilitated feature ideation workshops to increase user retention and drive impactful product enhancements.

Product Architect & Technical Lead | SmartConnect Technologies Pvt. Ltd. | Nov 2019 – Sept 2021

- Managed a team of 17 to deliver complex Mobility and AI solutions for enterprise clients across Banking, Telecom, and Finance.
- Engineered scalable systems by leading the migration of monolithic architectures to a modern microservices framework.
- Enhanced customer engagement by integrating AI-powered chatbots and Genesys call center platforms into client web and mobile applications.

PREVIOUS EXPERIENCE

- Sr. Principal Technical Consultant** | Cipher Hut Software India Pvt. Ltd. | Jan 2019 – Apr 2019
- Technical Lead** | Yoozoo Games Pvt. Ltd. | Oct 2018 – Jan 2019
- Tech Lead** | Smartonapp Technologies Pvt. Ltd. | Aug 2017 – Sep 2018
- Proprietor** | Homepage | Jun 2011 – Jul 2017
- Volunteering** | XDA Developers | Jul 2009 – Jun 2011

EDUCATION

Bachelor of Engineering, Mechanical | Parshvanath College of Engineering, Thane | 2010

Diploma, Mechanical Engineering | Muchhala Polytechnic, Thane | 2005

LANGUAGES English, Hindi, Punjabi, Marathi