

Dushyant Singh Shekhawat

Professional Summary

Full-spectrum software engineer with 14+ years of experience spanning leadership, AI/ML systems, full-stack development, and mobile engineering. Proven track record of scaling products from zero to production, leading engineering teams, and delivering AI-powered solutions for enterprise clients including ICICI Bank.

Technical Skills

- **Languages:** Ruby, Elixir, Python, JavaScript/TypeScript, Golang, Kotlin, Java
- **Frameworks:** Rails, Phoenix/LiveView, Django, React, Next.js, React Native, Android
- **AI/ML:** LLMs (GPT-5, Claude, etc.), Whisper, LangChain, LangGraph, LiveKit, Celery
- **Infrastructure:** AWS, Kubernetes, Docker, PostgreSQL, Redis, RabbitMQ
- **Payments:** Stripe

Professional Experience

Head of Technology — Jinacode | Remote | Jul 2024 - Present

Technologies: Python, Django, React, Next.js, LangChain, LangGraph, LiveKit, Whisper, Celery, Redis, PostgreSQL, Databricks, Docker

- Delivered AI-powered MOC auditing system for ICICI Bank on Databricks (NVIDIA A100), achieving zero false positives in RBI regulatory compliance assessment and advancing to next-phase discussions
- Architected end-to-end voice audit platform with Whisper transcription and LLM analysis pipeline, reducing hotel call auditing from 30-60 minutes to 2-5 minutes (10-30x faster)
- Launched real-time AI voice agents using LiveKit, enabling automated customer-facing interactions for client businesses
- Developed multi-step reasoning chatbots with LangChain and LangGraph, powering intelligent customer support across client applications

Senior Software Engineer (Contract) — Xuku LLC | Remote | Oct 2023 - Present

Technologies: Elixir, Phoenix, LiveView, PostgreSQL, Stripe, Playwright

- Built reporting and analytics system with data visualizations and PDF generation, enabling landlords to track commercial real estate performance at a glance
- Architected LiveView component system and migrated from Surface components, establishing reusable UI patterns across the Enaia platform
- Integrated Stripe billing and built subscription management flows, enabling the platform to monetize its CRE services
- Upgraded Phoenix to 1.8, LiveView to 1.1, and Elixir to 1.19/OTP 28, resolving all breaking changes to keep the platform on latest stable releases

Senior Software Engineer (Contract) — Nearcut | Remote | Jan 2022 - Jun 2024

Technologies: Ruby on Rails, ViewComponent, Stimulus, JavaScript, MySQL, Redis, Sidekiq, Stripe

- Redesigned onboarding flow from 8 steps (32-64 fields) to 5 steps (6 fields), lifting demo-to-signup conversion by 50% and reducing churn by ~20%
- Drove overall 15% conversion increase and 16% churn reduction through strategic UX improvements across the barbershop management platform
- Designed custom appointment slot algorithm that intuitively fits variable-length bookings into available time windows, improving the core scheduling experience for barbers and customers
- Built reusable design system components (autocomplete, multi-select, file upload) with drag-and-drop and keyboard navigation, modernizing the platform's UI/UX

Engineering Manager — BlueSapling Technologies | Remote | May 2018 - Dec 2021

Technologies: Ruby on Rails, React, React Native, Node.js, Golang, PostgreSQL, MySQL, Redis, RabbitMQ, Kubernetes, Docker

- Led team of 7 engineers while personally architecting the most complex modules (reporting, auditing, invoices), balancing management with hands-on delivery
- Built advanced reporting framework using materialized views and dynamic query generation that became the company's primary USP, directly contributing to 10x user growth (100 to 1,000 users)
- Architected and deployed microservices loyalty platform using Rails, Node.js, Golang auth, RabbitMQ, and Kubernetes for an external client
- Internationalized the tax calculation engine and built a flexible custom fields system, enabling Distributo to expand beyond India

Android Developer — Zuper GmbH | Remote | May 2017 - May 2018

Technologies: Android, Java, Kotlin, MVVM, CI/CD

- Overhauled legacy Android architecture for a fintech banking app, building custom views that delivered a polished, modern UI

- Implemented certificate pinning and security hardening to meet banking compliance requirements
- Established CI/CD pipeline that reduced customer-facing issues by 55%

Software Engineer — Loktra | Bengaluru | Jul 2016 - May 2017

Technologies: Android, Java, Google Maps API, GPS/location tracking

- Managed multiple Android applications as sole developer, contributing to securing pre-seed funding for the logistics startup
- Implemented real-time location tracking and route visualization for delivery personnel, enabling fleet monitoring for logistics operations

Freelance Software Engineer | Remote | May 2012 - Jun 2016

Technologies: Java, Spring, Android, HTML5, CSS3, JavaScript, REST APIs, MySQL, PostgreSQL

- Delivered full-stack applications, Android apps, and RESTful APIs for multiple clients, managing entire project lifecycle from requirements to deployment

Education

B.Tech — Indian Institute of Technology Roorkee | 2008 - 2012