

SASIMOHAN MOTAPARTHY

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PROFESSIONAL SUMMARY

Senior AI Platform and Cloud Engineering leader with 18+ years of IT experience. Creator of **Saketh.AI** - a universal AI order-taking platform with voice agents, real-time call processing, Stripe payments, and cross-platform React Native mobile apps deployed to iOS App Store and Google Play Store. Expertise in agentic AI, AI receptionists, RAG, and AI governance. Multi-cloud delivery across IBM Watson, Azure, AWS, and GCP.

CORE SKILLS & CERTIFICATIONS

AI & GenAI: Agentic AI, Voice Agents, RAG, Twilio Voice/SMS, ElevenLabs TTS, OpenAI GPT-4, IBM Watsonx.ai
Full-Stack & Mobile: React, React Native, Expo EAS, FastAPI, MongoDB, Stripe Connect, iOS/Android deployment
Cloud & DevOps: AWS, Azure, GCP, Kubernetes (EKS/AKS/GKE), Terraform, Docker, CI/CD, GitOps
Certifications: AWS DevOps Engineer Pro, AWS Solutions Architect Associate, CKA, CKAD, CKS

PROFESSIONAL EXPERIENCE

Founder & Principal AI Engineer | Saketh.AI & App.OptimoAI.io | 06/2025 - Present

Saketh.AI - Universal AI Order-Taking Platform (saketh.ai)

- Architected full-stack AI voice agent platform enabling businesses to automate phone orders with real-time transcription, intent detection, and Stripe payment processing
- Built 30+ AI voice personas with ElevenLabs TTS integration for natural customer interactions
- Implemented Stripe Connect for merchant payments with automated \$1.00 platform fee collection
- Developed Twilio A2P SMS integration with compliance consent pages for order confirmations and payment links
- **Built cross-platform React Native mobile apps (Saketh Orders) for iOS App Store and Google Play Store using Expo EAS build system**
- **Developed customer-facing mobile app with features: restaurant discovery, menu browsing, cart management, checkout, order tracking, and user profiles**
- **Implemented mobile app state management with Zustand, secure token storage, and REST API integration**
- Built real-time Dashboard & Analytics with call statistics, revenue tracking, and agent performance metrics
- Implemented outbound calling campaigns with CSV upload and batch processing capabilities
- Designed Support Center with documentation, training guides, and knowledge base integration
- Implemented AI website crawler that automatically extracts business information and generates dynamic, contextual prompts using OpenAI GPT for voice agent configuration

OptimoAI.io – AI-Powered Legal Platform for Attorneys (<https://app.optimoai.io>)

- Designed and developed a comprehensive AI-powered legal platform streamlining attorney workflows through intelligent automation.
- **AI Document Generation:** Built automated document creation system for contracts, NDAs, legal briefs, appeals (USCIS, Relocation), and other legal documents using advanced AI models.
- **Legal Q&A; Assistant:** Implemented AI-powered legal research and question-answering system enabling attorneys to get instant answers to complex legal queries.
- **Document Analysis Engine:** Created intelligent contract review and analysis system for identifying key clauses, risks, and compliance issues.
- **Case Management System:** Built centralized case tracking with automated status updates, deadline management, and court reminder notifications.
- **Billing & Time Tracking:** Integrated time tracking for billable hours with automated invoicing and billing management.
- **Client Relationship Management (CRM):** Developed comprehensive CRM for managing client communications, case histories, and relationship tracking.
- **Conflict Checker & Database:** Implemented automated conflict of interest detection with comprehensive database for tracking potential conflicts.

- **AI Prediction Engine:** Built predictive analytics module for case outcome forecasting using historical data and AI models.
- **Analytics Dashboard:** Created real-time metrics dashboard tracking documents generated, chat sessions, documents analyzed, and attorney productivity.
- Applied RAG architectures to ground AI responses in approved legal documents, reducing hallucinations and ensuring compliance.
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- Applied RAG architectures to ground AI responses in approved documents, reducing hallucinations

Senior AI Platform Engineer | Software AG / IBM | Remote | 10/2022 - 06/2025

- Senior contributor to enterprise AI enablement platform supporting GenAI, RAG, and agentic AI patterns
- Designed RAG pipelines using Databricks and vector stores for grounded, compliant AI outputs
- Deployed IBM Watson/Watsonx.ai architectures on IBM Cloud Kubernetes Service (IKS)
- Implemented AI governance controls including prompt constraints, toxicity filtering, and audit logging

Senior CloudOps / AI Enablement Engineer | Elevance Health | 01/2017 - 10/2022

- Supported ML and early GenAI initiatives in regulated healthcare environment with HIPAA compliance
- Built AI/ML-ready cloud platforms on AWS and Azure
- Implemented RAG-style knowledge systems using Databricks for ingestion and retrieval

Sr DevOps Engineer / Data Engineering | Cigna | 01/2012 - 12/2016

- Led large-scale on-prem to AWS migrations covering applications and data platforms
- Built CI/CD pipelines (Java, Python, Node.js) with security scanning (SonarQube, Checkmarx, Trivy)

Linux Administrator | Comcast | Hartford, CT | 05/2005 - 01/2012

KEY ACHIEVEMENTS

- Patent-pending AI legal automation platform delivering 4-5 hours/day productivity gains per attorney
- Saketh.AI Platform: Built end-to-end AI voice agent SaaS with React Native mobile apps, Stripe payments, Twilio voice/SMS
- Architected blockchain platform on TRON hosting hundreds of decentralized applications (DApps)

EDUCATION

Master of Information Technology - Federation University, Australia | Bachelor of Technology - Nagarjuna University, India