

ABRAHAM JEYARAJ

Engineering Executive | Mobile & Digital Platform Leader

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Senior engineering leader with 20+ years building and scaling mobile platforms that serve tens of millions of users. Led the Walgreens mobile app from launch to 60M+ downloads and built the Day-1 Apple Pay app integration. Built and managed a 90-person engineering organization spanning architects, developers, PMs, QA, and designers. Most recently drove enterprise digital architecture at CVS Health (Fortune 4). Now integrating AI capabilities into mobile and digital platforms. U.S. Patent holder.

PATENTS

Systems and methods for uploading image files - **US 10474400**

PROFESSIONAL EXPERIENCE

AI Developer & Technology Consultant

2025 - Present

Self Employed

- Building AI-powered applications and consulting on intelligent workflow automation for enterprise clients
- Developing mobile + AI convergence solutions leveraging computer vision, NLP, and machine learning
- Architecting agentic AI systems for automated business process optimization

Lead Director, Digital Architecture (Mobile)

2021 - 2025

CVS Health

- Led mobile digital architecture strategy for one of America's largest healthcare companies
- Established enterprise mobile development standards and architectural governance across the organization
- Served on strategic decision-making working groups driving digital transformation initiatives
- Directed cross-functional teams in delivering consumer-facing mobile health and pharmacy solutions
- Drove adoption of modern development practices and platform consolidation across mobile teams

Associate Vice President, Engineering

2007 - 2021

Photon

- Led the Walgreens iOS app from initial launch to 60M+ lifetime downloads and 5-star rating, managing one of the highest-revenue mobile commerce platforms in retail
- Built and led a 90-person cross-functional engineering organization spanning architects, tech leads, developers, product managers, QA engineers, and designers across onsite and offshore locations
- Apple Pay Pioneer: Built the Day-1 Apple Pay app integration for Walgreens — an industry first in retail
- Managed 200+ releases across iOS, Android, Web, Blackberry, and Windows with zero critical escalations over 6 years
- Reduced tech debt from 300+ days to under 5 days; implemented 2-thumb code review process and secure coding practices
- Designed and implemented CI/CD pipeline for mobile delivery across all platforms
- Pioneered medication adherence features on Apple Watch, expanding the platform's health technology footprint
- Also delivered mobile solutions for Dick's Sporting Goods, EF Education First, and Boots UK

Senior Technical Lead / Frontend Architect

2000 - 2007

Earlier Career

- Progressed through technical lead and architect roles specializing in frontend and mobile development
- Built 100+ websites and web applications for enterprise clients across healthcare, education, and retail
- Specialized in frontend architecture at EF Education First, supporting 80+ language platforms
- Founded web hosting business and digital agency during the dotcom era

KEY PROJECTS

Walgreens Mobile App

\$5B+ mobile commerce platform | 60M+ downloads | 2010–2020

- Led architecture and development from initial launch to one of the highest-grossing retail apps
- Built Day-1 Apple Pay app integration — an industry first in retail
- Pioneered Refill by Scan barcode technology, becoming the dominant refill method
- Won "Best Retail Mobile App" Appy Award at SXSW; named in Apple's Top 100 Apps
- Launched Apple Watch medication adherence app and first retailer NFC loyalty integration

DSG Whitelabel Solution

Multi-brand mobile architecture | Dick's Sporting Goods & Golf Galaxy | 2020–2021

- Architected white-label mobile solution powering multiple brand apps from a single codebase
- Deployed Store Mode across 780+ locations with geolocation-powered in-store experiences
- Built modular framework with features as independent modules (Shop, Move, Account)
- Supported DSG's digital transformation contributing to 12.5M new customers

EDUCATION

Bachelor of Business Administration (BBA) — Business Administration and Management

Madurai Kamaraj University | 1996 - 1999

SKILLS

Engineering Leadership (90+ person organization), Mobile Platform Strategy & Enterprise Architecture, Digital Transformation & AI/ML Integration Strategy, CI/CD & Release Engineering at Scale, Agile/Scrum at Scale & Vendor/Stakeholder Management, Cross-Platform Development (iOS, Android, Web), Platforms: iOS (Swift/Obj-C), Android (Kotlin/Java), React Native, Web (React, Node.js), Cloud & DevOps: AWS, Azure, CI/CD (Jenkins, Fastlane, GitHub Actions), Docker, AI/ML: Python, TensorFlow, OpenAI APIs, Computer Vision, NLP, LangChain, Architecture: Microservices, RESTful APIs, GraphQL, MVVM, Clean Architecture, Design Systems