DG

Digo George

FULL STACK LEAD ENGINEER

11+ Years Experience

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Digo George

Full Stack Lead Engineer · Kerala, India · 11+ Years

Senior Full Stack Engineer with **11+ years** building **enterprise-grade, AI-powered products** on **AWS & Azure**. Expert in **React, Lit Web Components, React Native & Java Spring Boot**. At **IBM**, built internal AI products: resume shortlisting engine, identity verification with OCR & SageMaker, and claim auto-approval using medical NLP. **Top-rated performer across all four organisations** — IBM Client Appreciation Award (2023), Client Appreciation Award (TCS) & Infosys MVP. Active AI engineering advocate: GitHub Copilot, Claude Code, Cursor & Antigravity.

EXPERIENCE

03 roles

Senior Software Engineer

June 2022 - Present

IBM INSURANCE Prudential Client Appreciation Award

Built AI-driven internal products and enterprise platforms for Prudential (Insurance) on AWS — micro-frontend web, React Native mobile, and ML-powered automation.

- Led micro-frontend development using **React.js, Lit Web Components, and Next.js** — WCAG 2.1 AA compliant, serving 100K+ users
- Developed **React Native** mobile app with offline-first architecture & biometric auth
- Built and deployed scalable **Spring Boot microservices** and **Node.js** service architectures with KOA (BFF), Express (proxy), NGINX, and Docker
- Extensive hands-on experience in **AWS deployments** (ECS Fargate, S3, SQS, Lambda, DynamoDB, CloudWatch, Secrets Manager)
- Designed and implemented AI-driven solutions including **NLP chatbots** via Amazon Bedrock RAG and an **AI Resume Shortlisting Engine** for semantic candidate ranking
- Built **Identity Verification & Claim Auto-Approval** platform — integrated **OCR**, **Medical NLP**, and a **SageMaker** model for risk scoring
- Advocate of DevOps principles, enabling **CI/CD pipelines** via GitHub Actions, cloud-native deployments (EC2, ECS, ALB, ECR), and optimized workflows

Technical Analyst / Senior Full Stack Engineer

Oct 2018 - Jul 2022

Tata Consultancy Services (TCS) RETAIL TCS Project Appreciation Award

Clients: Meijer (USA Retail), IKEA

Developed retail enterprise products for Meijer & IKEA — including a Language & Translation Management platform deployed across 8 countries, 32 locations.

- Spearheaded **React & React Native** development for the Employee Management app — iOS & Android for Meijer & IKEA workforce across 8 countries

TECHNICAL SKILLS

Frontend

React.js · React Native · Next.js · Lit · TypeScript · Redux

Backend

Java Spring Boot · Node.js · Express · KOA · GraphQL · Kafka

Cloud & DevOps

AWS ECS Fargate · Lambda · DynamoDB · Bedrock · SageMaker · Azure · Docker · GitHub Actions · CloudFormation

Databases

MySQL · PostgreSQL · MongoDB · DynamoDB · SQLite · DB2

AI / ML

Amazon Bedrock · SageMaker · OCR · NLP · RAG · Agentic AI · MCP

LANGUAGES

- English — Fluent
- Malayalam — Native
- Hindi — Intermediate

CERTIFICATIONS

- AWS Certified Developer – Associate ✓Passed
- Microsoft Certified: Azure Developer Associate ✓Passed

AI DEV TOOLS

GitHub Copilot · Claude Code · Cursor · Antigravity AI · Gemini

- Implemented **SSO B2G integration** via Spring Boot & Microsoft Graph API; optimised **Azure Blob Storage** with SAS tokens for secure document management
- Designed analytics dashboards; integrated **Stripe & PayPal** payment gateways — boosted user engagement by **40%**
- Received **Client Appreciation Award** for outstanding delivery and top performance ratings
- Built **Language & Translation Management Platform** — centralised i18n system for 12+ languages, dynamic localisation & real-time translation workflows across EU & USA retail operations

IT Analyst (ITA)

Jun 2014 - Jul 2018

Infosys · STAFFING · MVP – Multiple Projects

Clients: Adecco (Staffing), Ralph Lauren, Usha, Reliance (POS)

> *Cross-platform mobile & enterprise products for global clients — staffing, fashion & retail POS. Infosys MVP across multiple projects.*

- Led **Xamarin cross-platform development** for Adecco — delivered 6 iOS & Android apps for European staffing workforce management
- Built **Windows Store & POS apps** (XAML/C#) for Reliance Retail; mobile solutions for **Ralph Lauren & Usha** with Firebase Analytics & push notifications
- Managed **25+ Play Store & App Store releases** — zero critical issues; 4.5+ ratings maintained
- Built **Azure DevOps CI/CD pipelines** — 60% reduction in deployment time; awarded **Infosys MVP**

KEY PRODUCTS

04 products

AI Resume Shortlisting

IBM · INSURANCE / INTERNAL HR TECH

- NLP JD & resume parsing with Amazon Bedrock
- Semantic candidate ranking against requirements
- 65% reduction in manual screening time
- React.js frontend + Spring Boot API

Identity Verification & Claim AI

IBM · PRUDENTIAL · INSURANCE

- OCR document extraction — ID & medical records
- Medical NLP for claim text analysis
- SageMaker model — auto-approve/reject with risk score
- Reduced claim processing time by 80%

Translation Management Platform

TCS · MEIJER / IKEA · RETAIL

- Centralised i18n for 12+ languages
- Real-time translation workflows — React + Spring Boot
- Deployed: 8 countries, 32 locations
- Reduced localisation effort by 50%

AI Chatbot (Bedrock RAG)

IBM · INSURANCE / AI

- Amazon Bedrock RAG architecture
- Agentic POCs
- SageMaker inference endpoints
- NLP-powered policy Q&A for Prudential agents

AWARDS & ACHIEVEMENTS

- **Client Appreciation Award** — Outstanding Product Delivery (2026), Insurance domain
- **Client Appreciation Award** — Outstanding product delivery at TCS (Meijer & IKEA)
- **Infosys MVP** across multiple projects — staffing & retail domain
- **Top-rated across all 4 organisations** — consistently top 5% by delivery quality
- Reduced deployment time by **70%** via CI/CD automation & infrastructure-as-code
- Early AI tooling adopter — **GitHub Copilot, Claude Code, Cursor & Antigravity AI**

EDUCATION

Bachelor of Technology (B.Tech)

2010 - 2014

Electronics & Communication Engineering

Rajiv Gandhi Institute of Technology, Kerala, India