

Keshava Gavigowda

Principal Engineer (Full Stack & Automation)

Product-Focused Tech Lead



Building scalable platforms across Telecom, Healthcare, Banking & Energy in UK & Europe

20+

Years Experience

50+

Projects Delivered

10+

Enterprise Clients

70+

Technologies

keshava.gavigowda.uk | linkedin.com/in/keshavagavigowda | United Kingdom

What I Bring to the Table

Core competencies and value proposition

Full Stack Expert

End-to-end development from React frontends to Go/Node.js backends. Modern architectures with microservices, event-driven systems, and cloud-native deployments.

Technical Leadership

Bridging business requirements with technical execution. Leading cross-functional teams, mentoring developers, and driving architectural decisions.

AI & Automation

LLM integration, RAG systems, vector databases, and agentic workflows. Building intelligent automation that delivers measurable business impact.

Industries Served

Telecom

Healthcare

Banking

Energy

Retail

Certifications

ITIL V3 ✓

PRINCE 2 ✓

TOGAF 9 

Scrum Master ✓

Technical Skills

Comprehensive technology stack across the full development lifecycle

Frontend

[Expert] React, TypeScript, JavaScript, HTML5, CSS/SCSS

Next.js, Tailwind CSS, Vue.js, AngularJS, Storybook

Backend

[Expert] Node.js, Java, REST APIs, SQL, PL/SQL, PostgreSQL, Oracle

Go, Python, Spring Boot, Hibernate, GraphQL, MongoDB, Redis, Elasticsearch, Cassandra, Kafka, NATS, JMS, HL7 FHIR

Cloud & DevOps

[Expert] AWS, Docker, CI/CD, Microservices, GitHub, Jira

Azure, GCP, Kubernetes, Container Services, Serverless, API Gateways, Identity Providers (SSO), Terraform, Jenkins, Backstage.io, GitLab, Bitbucket, Prometheus, Grafana, OpenTelemetry

BPM & Integration

[Expert] BPMN, WebLogic

Camunda, Flowable, DMN, CMMN, Oracle SOA, ESB

AI/ML

LLM Integration, RAG Systems, Agentic Workflows, Agent Skills, MCP, Agent-to-Agent (A2A), Zero Touch Automation, Prompt Engineering, Vector Databases

Career Journey

20+ years of building enterprise solutions

2011 - Present

(15 yrs)



Principal & Founder

IT Maxima Limited • United Kingdom

Consulting

Technology

Aug 2023 - Dec 2025

(2.4 yrs)



Principal Consultant & Engineering Lead

Vitrifi • United Kingdom

Telecom

Oct 2022 - Jul 2023

(0.8 yrs)



Principal Consultant and Engineering Lead

Lloyds Banking Group • Greater London, England, United Kingdom

Banking

Oct 2018 - Sep 2022

(4 yrs)



Design Authority and Engineering Lead

OCA-klinieken • Netherlands

Healthcare

Oct 2011 - Sep 2018

(7 yrs)



Principal Consultant - Applications & Integration

Vattenfall • Netherlands

Energy

Jan 2010 - Sep 2011

(1.8 yrs)



Technical Advisory & Delivery Lead

Valtech • United Kingdom

Retail

Jan 2005 - Dec 2009

(5 yrs)



Design Authority & Technical Lead

Adea Inc (formerly Net-Kraft) • United Kingdom

Retail

Technology

May 2002 - Dec 2004

(2.7 yrs)



Senior Application Developer & Database Consultant

Adea Inc (formerly Net-Kraft) • United Kingdom

Retail

Technology

Featured Projects

Recent high-impact engagements

Telecom

Telecom Process Automation Platform

Vitrifi

Led the architecture and development of a hyperscale, event-driven business process automation platform for telecom service providers. Built with microservices architecture using BPMN workflows and ev...

Key Outcomes:

- Built hyperscale platform processing 50K+ concurrent business processes
- Implemented event-driven architecture handling 10K+ events/second

Technology

AI Automation Platform

Vitrifi

Architected and developed an enterprise AI automation platform leveraging LLMs for intelligent document processing, customer service automation, and workflow optimisation. Implemented RAG systems with...

Key Outcomes:

- Reduced document processing time by 80% using AI-powered extraction
- Implemented RAG system achieving 95% accuracy on domain-specific queries

Banking

Developer Experience Portal

Lloyds Banking Group

Designed and implemented a comprehensive Developer Experience Portal to streamline internal development workflows. The platform provides API documentation, reusable component libraries, and self-servi...

Key Outcomes:

- Reduced developer onboarding time by 60%
- Established standardized API design patterns across 50+ teams

More Projects

Cross-industry expertise

Healthcare

Healthcare Platform

OCA Zorg

Architected a comprehensive healthcare platform integrating patient management, clinical workflows, and data analytics. The platform adheres to HL7 FHIR standards for healthcare data interoperability,...

Key Outcomes:

- Integrated data from 15+ healthcare providers into unified platform
- Achieved HL7 FHIR R4 compliance for healthcare interoperability

Retail

E-Commerce Platform

Interflora

Led technology delivery for a major e-commerce platform serving customers across Europe. Implemented scalable order management, payment processing, and fulfillment systems with a focus on high availab...

Key Outcomes:

- Supported 10x traffic spikes during holiday seasons
- Achieved 99.95% uptime during critical shopping periods

Energy

Online Customer Portal & API Service

Vattenfall (Nuon Energy)

Developed customer-facing portal enabling 2.5M+ registered customers to login and manage their accounts, contracts, move requests, meter readings, billing, payments, and communications. Involved desig...

Key Outcomes:

- Enabled self-service for 2.5M+ energy customers
- Reduced customer service call volume by 40%

What People Say

Feedback from colleagues and clients

Keshava brought far more than technical knowledge — he provided strategic clarity. His ability to align market needs, customer expectations and engineering execution was invaluable...

Scott McGinn

Senior Quality Engineer
Vitrifi • 2025

Keshava was a key player in architecting and implementing a high-profile business critical order system. His strengths are most evident when he takes a (less than clear) client bri...

Leslie Gudalajtys

Project Manager | Business Analyst
Interflora • 2008

I have worked with Keshav for a number of years and found him to be very personable, talented, highly skilled and professional. His attention to detail as well as the ability to fo...

Nathan Young

IT Director
Interflora • 2008

Keshav has great communication skills, very professional and highly skilled when it comes to Integration and Networking skills and is quite approachable. A rare combination who und...

Raghunandan Terdal

Sr. Principal Technology Architect
Infosys • 2008

Keshava provided invaluable input in the design process to deliver a solution that could be provided on time, and within budget without compromising on quality. He worked well in a...

John Hubbard

Senior Project Manager
Interflora • 2008

I have had the opportunity to work with Keshav for creating technical solutions in enterprise network management, process automation and application/system integration. He always h...

Ajith Thamarakshan

Consultant
Fortian • 2008

Background & Approach

Professional philosophy and credentials

Full-Stack Development

Modern web applications with React, Next.js, Node.js, Go. End-to-end ownership from frontend to backend.

Cloud-Native Platforms

AWS, Azure, GCP with containerization (Docker, Kubernetes) and infrastructure as code (Terraform).

AI-Enabled Solutions

LLM integration, RAG pipelines, vector databases, agentic workflows for intelligent automation.

Workflow Automation

BPMN-driven process orchestration, event-driven architectures, and digital transformation.

Education

B.S. Electronics

Bangalore University
Bangalore, India

Certifications

ITIL V3 ✓

PRINCE 2 ✓

TOGAF 9 📖

Scrum Master ✓

Let's Connect

Ready to build something great together?

Calendly calendly.com/keshava-gavigowda/30min

Website keshava.gavigowda.uk

LinkedIn linkedin.com/in/keshavagavigowda

Telegram [@kgavigowda](https://t.me/kgavigowda)

Location United Kingdom

IT Maxima Limited

www.itmaxima.com