

KAUSTUBH VAIDYA

Senior Solution Architect

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Professional Summary

- **Software Architect** with **20+ years** of expertise in **enterprise solution architecture, microservices design, and cloud integration (AWS, Azure)**.
- Specializes in **building scalable backend systems and digital transformation projects**, with a proven track record in **designing and implementing scalable, microservices-based cloud solutions (AWS, Azure)** for large-scale projects.
- Extensive experience in **Financial Services** with expertise in **high-load transaction processing, performance optimization, and security-conscious coding**.
- Adept at **CI/CD automation, cloud deployments, and DevOps best practices**.

Education

Bachelor of Engineering in Electronics
Pune University, Pune, India

Technical Skills

Backend:	Java (20+ years), Spring frameworks (12+ years), RESTful API (10+ years), Microservices (8+ years), Python (8+ years), Golang (8+ years), Springboot (8+ years), NodeJS/Typescript (8+ years)
Frontend:	React (9+ years), Angular (8+ years), HTML/CSS (12+ years), CSS3 (5+ years), ReactNative (5+ years), Ionic (3+ years)
AI/LLM:	Open AI O1/O3, Claude Sonnet 3.5, ChatGPT, AWS BedRock
Security:	Spring Security (4+ years), JWT, OAUTH, Auth0 (all – 7+ years)
Database:	PostgreSQL (4+ years), MySQL (10+ years), MongoDB (9+ years), MS SQL Server (8+ years)
Cloud:	AWS (8+ years), Azure (4+ years), GCP (1 year),
DevOps:	GIT (12+ years), Jenkins (12+ years), Linux (Different flavours – 15+ years), CI/CD (12+ years), Docker (8+ years), Kubernetes (7+ years), Ansible (5+ years)
Others:	RabbitMQ (8+ years), REDIS (5+ years), Websockets (4+ years), Jira / Confluence (both – 12+ years), QUARTZ (4+ years), Elastic Search (5+ years), Agile/Scrum (15+ years)

Professional Experience

Senior Solution Architect

Automwrit Ltd.

April 2025 – June 2025

- Designed and architected scalable, high-performance backend systems integrating LLM-based AI workflows.
- Provided technical leadership through code reviews, best practice implementation, and team mentoring to ensure high-quality software delivery.
- Developed robust, multi-threaded backend components optimized for performance and scalability.
- Led the design and improvement of CI/CD pipelines and cloud infrastructure to support efficient deployments and high system availability.
- Collaborated cross-functionally with product owners, UX designers, and business stakeholders to translate requirements into technical solutions.
- Contributed to building an AI-driven platform enabling advanced document automation and advisory services for the financial services domain.

Senior Principal Software Engineer

Veritas Technologies, Pune, India (Now part of Cohesity)

March 2020 – November 2024

- Immense success in migrating the complete suite of applications to Micro-service-based SaaS solution as well as introducing Managed Services from AWS platform (AWS is preferred infra platform for the current SaaS solution) along with leveraging managed services like lambda, RDS, SQS, SNS, SES, Canary etc.
- Developed System Health Insights Platform for appliance management, enhancing telemetry data analysis, and resource utilization prediction.
- Engineered application modernization, by updating the entire architecture, moving to Microservice based solution
- Mentored and managed peer review for 25+ developers working for this product.

Delivery Head of Technology / Solution Architect

Valueadd Softtech & Systems Pvt Ltd, Pune, India

April 2015 – March 2020

- Designed and implemented OpsEnabler, bridging development and operations with cloud management tools and automated setups.
- Led development of Cloud Commerce platform for Presidio Inc, optimizing customer cloud adoption
- Spearheaded large-scale business application architecture and design efforts; establishing application architectures for various business functional areas; resolving integration and interface issues between various applications or systems
- Collaborated with client's Business leaders and IT teams to gather, define, clarify & refine requirements, guiding architecture and design of applications
- **Managed 35+ team members** comprising of Associate Architects, Team Leads, Project Manager, Senior & Junior Developers spanned across **3 Global Accounts**

Solution Architect – [Technical Manager]

Tech Mahindra, Pune, India

April 2014 – March 2015

- Engineered multiple solutions for AT&T Retail, optimizing customer engagement and services delivery.
- Managed 10+ team members for spanned across couple of Applications

Technical Lead

Mindtree Ltd, Pune, India

November 2013 – March 2014

- Led development team for **ACI Worldwide**, building Banking solution
- Led 20+ team members for delivery of application

Integration Specialist

IBM India GBS, Pune, India / Melbourne, Australia

April 2009 – October 2013

- Led development team for **IDEA** account for **PAN India** expansion.
- Designed and implemented **Integration platform** for **Customer Care & Billing** product (Oracle Corp), for **Truenergy (Now Energy Australia)**
- Managed a small team for IDEA account.
- Individual Contributor & Designer for TruEnergy (Now Energy Australia) for Integration Platform

Senior Software Engineer

JBA International LLC

March 2008 – February 2009

- Implemented Auto-insurance software using the Chordiant Framework (Current PEGA) for **21st Century (AIG subsidiary)**
- Worked as Individual Contributor & designer with expertise in Chordiant Framework

Senior Software Engineer

Ness Technologies India Pvt Ltd

October 2006 – February 2009

- Led development of **Rules Engine** based on **Corticon Rules Engine** (Chordiant) for **Cash America**
- Led a small development team to deliver Rules engine module

Associate Consultant

Capco IT Service India Pvt Ltd (Now part of WIPRO Technologies)

- Developed solutions for **Data Reconciliation & Data Adoption projects**, for customers like **J P Morgan, Openheimer, etc.**
- Worked as Individual Contributor.

Key Projects

Automwrite | Automwrite Ltd

[Senior Solution Architect] – Team size (6)

- **Tech Stack – Java, Springboot, Open AI/LLM, Claude Sonnet 3.5, Aws BedRock, AWS S3, AWS SQS, Websockets, MYSQL**
- Worked on the state-of-the-art application for Automwrite. It is primarily an application in the Advisory Services domain of Financial Services.

- Responsible for building key features like Insights/Opportunities – generating recommendations based on Client and Organization Info. This was a combination of Rules Engine and LLM integration.
- Responsible for building key feature like Agent Requests (in house RAG system), to load documents and provide responses to the questions asked by Agents.

NetInsights – SystemHealth Insights Dashboard | Veritas Technologies, Pune

[Lead Architect] – Team size (30)

- **Tech Stack – Java, Springboot, Microservices, ReactJS, RabbitMQ, Websockets, AWS RDS, AWS S3, Elastic Search**
- Developed NetInsights – System Health Insights Platform to provide an appliance management solution along with integration with applications like Automated Deployment Manager, Usage Insights.
- Engineered System Health Insights to gather appliance telemetry data and integrate it into MySQL and MongoDB databases for efficient storage and analysis.
- Enabled Predictive Analysis for assessing appliance health and estimating resource utilization through advanced data processing workflows.

EHIM – Rediminds | Valueadd Softtech & Systems Pvt Ltd, Pune

[Lead Architect] – Team size (20)

- **Tech stack – Java, Springboot, ReactJS, REDIS, Azure, Quartz, MS SQL Server**
- Managed application modernization for 24 legacy business components integrated across SILO applications, some requiring manual intervention.
- Designed and developed a system for a leading insurance provider to incorporate Claim Adjudication process flow for large customer base.
- Ensured robust security measures and compliance with national and state regulations throughout the development process.

ORION Presidio Inc – Sequoia Cloud Solutions | Valueadd Softtech, Pune

[Junior Architect] – Team size (25)

- **Tech stack – NodeJS, ReactJS, AWS, Centurylink Cloud, Maria DB, MongoDB**
- Actively involved in solutioning of Project Orion – Cloud Commerce Platform, built by Sequoia for Presidio Inc.
- This was convergence of multiple cloud providers onto a Single Platform making it one stop shop for Cloud Services.

OpsEnabler | Valueadd Softtech & Systems Pvt Ltd..Pune

[Lead Architect] – Team size (10)

- **Tech stack – NodeJS, ReactJS, AWS, MongoDB, Maria DB**
- Designed a unified platform to bridge the gap between developers and devops for seamless collaboration.
- Automate tasks like environment setup, server provisioning and OS/Application installations across Production and Non-production environments.
- Enabled cloud service account management, including AWS billing and forecast analysis with resource usage statistics via AWS SDK integration.
- Delivered a customized dashboard for user-to-service usage statistics across teams and cloud accounts.

IAQURE – Sterling & Wilson | Valueadd Softtech & Systems Pvt Ltd, Pune

[Lead Architect] – Team size (8)

- **Tech stack – NodeJS, ReactJS, AWS MQTT Broker, MongoDB, MariaDB**
- Designed a platform to monitor Indoor Air Quality and showcase the statistics to user.
- Included hardware integration using MQTT Broker, collection of data at real-time and regular intervals.
- Delivered the complete solution within 2 quarters with a small team setup.

AT&T Retail | Tech Mahindra Ltd, Pune

[Lead Architect] – Team size (15)

- **Tech stack – Java, ReactNative, NodeJS, SQL Lite, Cordova/Phonegap**
- Designed a unified dashboard application (TAB based / Ipad & Android Tablets), for Training and Performance management of Call Centre Executives (Tele Callers)
- Integrated with multiple applications, to gather data at single location.
- Integrated with Telephony to initiate calls through the application and monitor an ongoing call for performance evaluation

Personal Details

Visa Status: B1 VISA valid till 2028