



# Vibhor Agarwal

CLOUD & AI ARCHITECT

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## professional summary

**Vibhor** brings over 23 years of IT experience and currently serves as a **Cloud & AI Architect**. He possesses extensive knowledge & enterprise solution experience across various business and technology domains. His expertise spans a wide array of tools & technologies, including Cloud, AI & Data domain, DevSecOps, Automation, Java/J2EE, Full Stack, Python, React/Angular, Mobility, Middleware, and BI/Data Analytics. Vibhor has played pivotal roles in product development, research, prototyping, digital transformation, application modernization, portfolio rationalization, business process automation, and various optimizations.

**Vibhor** is an agile hands-on technologist, experienced with building product strategy/road map, and an expert in architecting, designing, building, complex products and applications.

**Vibhor** currently leads and contributes to various initiatives, including COEs/COPs, business development, technology sales, customer presentations, asset & accelerator creation, recruitment, proposals, POCs/POVs, and providing support across business units.

## education

### MBA

Pune University

### BE

Bhopal University

### Secondary & Higher Secondary

CBSE

## experience summary

Duration	Organization	Designation
Jul 2003 - Present	<u>CGI Inc.</u>	Director Consulting (Expert)
Jun 2002 - Jul 2003	<u>Automated Workflow Private Limited</u> (Now - <u>Azentio, Candela Labs</u> )	Development Specialist
Nov 2000 - Feb 2002	<u>Tata Infotech Ltd (TIL)</u> (Now Tata Consultancy Services)	Trainee, Development Engineer

## certifications

- AWS Certified AI Practitioner
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- AWS Certified Solutions Architect – Associate
- Oracle Cloud Infrastructure 2023 Certified Multi Cloud Architect Associate
- Career Essentials in Cybersecurity by Microsoft and LinkedIn
- Microsoft Certified Azure Fundamentals
- Build Your Generative AI Productivity Skills with Microsoft and LinkedIn
- HashiCorp Certified: Terraform Associate
- AWS Partner: Accreditations
- Microsoft Certified Azure AI Fundamentals
- Oracle Cloud Infrastructure 2024 Certified Foundations Associate
- Certified SAFe® 5 Practitioner
- Neo4J Certified Professional
- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate
- Oracle Cloud Data Management 2023 Certified Foundations Associate
- Oracle Cloud Infrastructure 2021 Certified Architect Associate
- AI for Organizational Leaders by Microsoft and LinkedIn
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Google Cloud Certified Cloud Digital Leader
- Career Essentials in GitHub Professional Certificate
- Google Cloud Skills
- Aviatrix Certified Multi-Cloud Networking Associate
- Microsoft Certified Azure Data Fundamentals
- Python for Data Science
- Certified SAFe 5 Agilist

## skill snapshot

<b>Core languages/frameworks</b>	Python, Java, Ruby on Rails, PL/SQL, Microservices
<b>Front End</b>	React, Angular, jQuery, Ext JS, Oracle OAF, JSP, JPF
<b>Cloud</b>	AWS, Oracle Cloud Infrastructure, Google Cloud, Azure, Cloud Foundry
<b>AI &amp; ML</b>	Big Data processing, RAG, AI with public Cloud, OpenAI, Machine Learning/ Models (with AWS Sagemaker), Microsoft Teams Bot
<b>Middleware</b>	Redis, Rabbit MQ, IBM MQ, Tibco, WebSphere CI
<b>IaC</b>	Serverless, AWS CDK, Terraform, Azure Bicep
<b>QA</b>	Pytest, Locust, JMeter, Selenium, BDD, Ranorex, Rest Assured
<b>DevSecOps</b>	Jenkins, Azure DevOps, Veracode, Coverity, Black Duck, AppDynamics, SonarQube, Kubernetes, Docker, GitHub Actions
<b>CMS</b>	Jahia, Tridion, Liferay, WordPress
<b>Data, BI</b>	Oracle, PostgreSQL, MySQL, NoSQL, Grafana, Hadoop, BigQuery
<b>Exposure to</b>	ELK, Kafka, Service Mesh, TensorFlow, PyTorch, Azure Data Factory, Databricks, PySpark, Snowflake, IoT

## key assignments

- Driving AI and Data initiatives for a bearing manufacturer, including Big Data processing / Data Lake on AWS, Azure AI / GenAI based product assistant, 'MS Teams' bot, ML prototypes with AWS Sagemaker, custom model deployments, scientific UI with React
- Digitalization of desktop applications on AWS for a bearing manufacturer, with Python, Lambda APIs, containerization with ECS & other serverless technologies in a custom, secure, cost-effective, high-performance, & scalable architecture
- For a semiconductor manufacturer, built a Java, AWS & Angular based solution that digitalizes NCF payment cards integrating with MDES and VTS. Other assignments included building an OpenID based AuthN & AuthR system with user's digital identity
- End to end automation & optimization of Content & Services platform for a navigation systems & map provider
- CMS migration (Tridion to Jahia) & enhancement of content management portal for a French Facilities Management provider.
- Oracle EBS customization (OAF, PL/SQL) for a US based gas detection company
- Application portfolio rationalization & modernization (Java, MQ, Oracle) for a custom brokerage services provider
- Development of a complex WebLogic portal (SOA, J2EE, Oracle) providing hedge funds services for a large German bank

*Note: For all assignments & details, please ask for complete resume*

## trainings, publications

- Blogs/Papers:
  - <https://techvibhor.link>
  - [https://dev.to/vibhor\\_agarwal/customized-scaling-of-aws-ecs-39ge](https://dev.to/vibhor_agarwal/customized-scaling-of-aws-ecs-39ge)
  - <https://stackoverflow.com/collectives/aws/articles>
- Tech Community
  - <https://stackoverflow.com/users/7746398/techfree>
  - <https://github.com/vibhoragarwal>
- Training – Kubernetes Administrator (CKAD), GCP, WebLogic, MongoDB, Intershop, Talend, Liferay, Jahia, Angular, Agile, Data Science, Design Thinking
- Industry Experience – Manufacturing, Banking, Telecom, Retail & Consumer Services, Product Development, Digital Payment