



# Vibhor Agarwal

Cloud & AI Architect

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## summary

Vibhor has a rich **23-year** experience in digital transformation, application modernization, portfolio rationalization, business process automation, and product research & development. With over twenty certifications across a full stack of technologies, he is an expert in architecting, designing, and building innovative products and applications. He is known as the point of reference for solutioning complex proposals and navigating adverse situations. He works closely with agile delivery teams to foster positive & personal relationships and excels in building strategic customer partnerships globally.

## work experience

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

## key assignments

*\*\* for all assignments, please ask for detailed resume*

- 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 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) of a product suite of applications for a custom brokerage services provider
- Development of a complex WebLogic portal (SOA, J2EE, Oracle) providing hedge funds services for a large bank

## 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, Azure AI, OpenAI, Machine Learning/ Models (with AWS Sagemaker), Microsoft Teams Bot, Graph DB |
| <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, Bricks, PySpark, Snowflake, IoT                       |

## certifications

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

## trainings, publications

- Blogs/Papers:
  - <https://techvibhor.link>
  - [https://dev.to/vibhor\\_agarwal](https://dev.to/vibhor_agarwal)
  - <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

## education

- BE, MBA
- Secondary & Higher (CBSE)