

Vivek Chaure

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Professional Summary

AWS Technical Architect with 14+ years of experience designing and delivering cloud-native, serverless, and data-driven solutions across aerospace, FMCG, healthcare, and energy sectors. Proven expertise in architecting scalable platforms using AWS services like Lambda, ECS, Glue, DynamoDB, and CloudFormation.

Skills Profile

Programming Languages	Python, Node JS, Java, PHP, HTML, JavaScript, jQuery, AngularJS
Frameworks	Django, Django REST Framework, Flask, Odoo, Celery, RabbitMQ
Database	MySQL, PostgreSQL, MS SQL, Oracle 10 g Spatial Redis, Memcached, MongoDB, Azure Cosmos DB, AWS DynamoDB
Project Management	Git, SVN, JIRA, Rally, Slack, ServiceNow, MS Dynamics 365,
Cloud Technologies	AWS, Azure

Professional Experience

Manager Capgemini India Pvt Ltd	Sep. 2017 to present
Client GE Aerospace	July 2024- present

AWS Architect and lead

- Architecting and developing solutions for data analytics and reporting to provide insights into consumption of GE Engine parts by internal and external vendors
- Design and development of serverless AWS Applications using python
- Automation of discount applicability - POC using Agentic AI
- Designed and developed availability and observability across all ingestion workflows

Tech Stack

AWS DynamoDB, ECS, Lambda, State Machines, Glue, Fargate, ALB, CodePipeline, CloudFormation, CloudWatch, Redshift, RDS

Python, Flask, React JS, nginx, Docker, Rally, GitHub

Client The Coca-Cola Company	Apr 2021- June 2024
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Offshore Delivery Lead

- Supported and enhanced the client's Middleware Integration Platforms and Master Data Integration Platforms built using AWS and Azure.
- Redesigned Disaster Recovery by addressing critical gaps, implementing active-active AWS architecture with failover-ready capability to enhance system resilience and ensure business continuity.
- Streamlined the Data Fabric platform by consolidating interfaces to improve master data accessibility
- Achieved successful migration from webMethods to customized AWS based Middleware solution

- Implemented 7 automation use cases, resulting in a monthly savings of 54 hours in manual effort
- Led a team of 11 FTEs offshore, ensured zero SLA breaches and provided proactive support across teams.
- Technical Debt Management: Keeping the tech stack current to avoid obsolescence and security risks.
- Failure Mode & Effective Analysis to address incident trends with permanent solutions.

Tech Stack

AWS DynamoDB, ECS, Lambda, Fargate, Codepipeline, CloudFormation, CloudWatch, CodeCommit, AppSync, Athena, API Gateway, EC2, S3

Terraform, NodeJS, ReactJS, Python, JIRA, BASH

PostgreSQL, AWS DynamoDB, Linux (Ubuntu, CentOS), MacOS

Client	Biogen	May 2020- Mar 2021
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Team Lead – Python, AWS

- As Python AWS team Lead, developed serverless components using Python to enable efficient Search Index on top of Medical Information documents.
- Coordinated with multiple teams – such as Salesforce team, Client and Capgemini Testing Teams, Client Architects and Capgemini Architects
- Ensured elaborate Knowledge transfer for technical implementation to the Support team after handover

Tech Stack

Python, MySQL, AWS Lambda, Batch, CloudSearch, API Gateway, AWS S3, AWS EC2, AWS DynamoDB

Client	GE Power	August 2019- Apr 2020
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Team Lead – Python

- Led offshore development of serverless components to visualize unmanaged device usage across GE office premises using AWS Lambda and Tableau.
- Orchestrated data ingestion leveraging AWS Lambda to process network, DHCP, and Opal logs.
- Collaborated with the Tableau team to design dashboards and optimize SQL queries for performance.
- Managed Agile ceremonies including sprint demos, sprint planning, grooming, and story creation using JIRA, in coordination with onsite stakeholders.

Tech Stack

AWS Lambda, CloudWatch, GitHub, Tableau, AWS EC2 Python, MySQL

Client	American Bureau of Shipping	Feb 2019- Jun 2019
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Team Lead – Python

- Orchestration of various Data Science algorithms for Data Classification and Natural Language Processing using Azure Functions and Web Jobs
- Collaborated with the front-end (.NET) team to ensure seamless integration of orchestrated web jobs into the application workflow.
- Collaborated with on-site teams and client stakeholders for requirement gathering and design, while preparing functional and technical documentation to support development and knowledge transfer.

Tech Stack

Git, Microsoft Azure VSTS, SQS, Cosmos DB, Application Insights, App Services, Function App, Blob Service

Python, MS SQL

Client	Volkswagen Group Sales Pvt Ltd	Feb 2018- Dec 2018
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Role and Responsibilities

- Delivered on-site technical support at dealership locations during application rollouts and ensured smooth migrations.
- Provided L2 support via ServiceNow, resolving dealer-raised tickets with functional and technical solutions.
- Led stabilization and enhancement of the application through bug fixes, performance optimization, and Agile development practices.
- Streamlined bug tracking, release management, and documentation processes, including SOPs, release

Tech Stack

Python, Odoo 9.1, Bugzilla, GitLab, jQuery, Munin, PgBadger, Nginx, VirtualBox, Linux (Ubuntu)

SDE-III Just Buy Live Enterprise Pvt Ltd

Mar. 2016 to Aug 2017

Role and Responsibilities

- Designed and developed key features for Supply Chain and Warehouse Management modules using Python on AWS EC2 infrastructure.
- Code reviews, refactoring, and managed server administration tasks within the AWS ecosystem.
- Automation of deployment processes, Release management for incremental feature rollouts.
- Actively contributed to Agile sprints by maintaining progress, collaborating with cross-functional teams, and delivering high-quality code.

Tech Stack

PyCharm, Django, jQuery, git, SVN, nginx, MySQL, Redis, RabbitMQ, Elasticsearch, Fabric, Ansible, AWS EC2 Linux (Ubuntu, CentOS, RHEL 9)

Team Lead Amkri Tech Solutions Pvt Ltd

Apr. 2014 to Mar 2016

Client	Northbound LLC
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Team Lead

- Led offshore product development of enterprise applications for a US-based client.
- Designed, implemented, and documented RESTful APIs for seamless integration with mobile and web applications.
- Conducted code reviews and decomposed user stories in JIRA to streamline development workflows.
- Configured AWS environments to support onboarding of new clients and ensure smooth deployment.

Tech Stack

Django, MySQL, PostgreSQL, Redis, MongoDB, AngularJS and jQuery, Apache Solr, Celery, Linux (Ubuntu)

Software Engineer AdElement Media Solutions Pvt Ltd
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Jun. 2011 to Apr 2014

Role and Responsibilities

- Developed a user-friendly interface for designing Flash and HTML-based ad campaigns and deploying them across multiple Ad networks (Google Ads/ OpenX Marketplace).

- Ingest and curate anonymized Retargeting information via Server-side python scripting. Python scripting for scheduled ingestion of Advertiser's product feed containing image, discounts and offers etc.
 - Developed Recommendation Engine to pick product details to be rendered in an Ad impression.
- Code deployment, Administration, and scaling of application over AWS Infrastructure.

Tech Stack

PHP, J2EE with Spring and Hibernate, Python, HTML, Javascript, AWS DynamoDB, MySQL, Redis, Memcached
Linux (Ubuntu, CentOS)

Temp. Software Engineer | IIT Bombay

Oct. 2010 to Apr 2011

Risk and Vulnerability analysis of cyclone tracks

- Developed a web-based visualization tool to analyze cyclone track clusters in the North Indian Ocean.
- Enabled risk and vulnerability assessment through interactive cyclone trajectory visualization.

Web GIS Framework for building Web GIS Application

- Developed a reusable framework in compliance with OGC (Open Geospatial Consortium) standards and architecture for building general-purpose GIS applications using open-source tools.

Tech Stack

Java, JSP, Oracle 10g Spatial, Google Maps API, GeoServer, OpenStreetMaps, Linux (RHEL 9)

Education

Master of Technology in Computer Science & Engineering (CSE), IIT Kharagpur, India, 2009
Bachelor of Engineering in CSE, SGGS College of Engg and Tech, India, 2005

Certifications

- AWS Partner: Generative AI Essentials, 2024 ... [see credentials](#)
- IBM Certified Application Developer - Watson V3 Certification, 2017 ... [see credentials](#)

Publications/Presentations

Mohammed, R., Chaure, V., & Sarda, N. (2011). A framework for web-based GIS Applications. ICA_ISPRS Joint Workshops: "Our Complex World: Representation, Analysis, and Modeling".

Personal Details

Languages	English, Hindi, Marathi
Location	Navi Mumbai
Nationality	Indian
Work Authorization	H1B – Ready Open to relocation and sponsorship
LinkedIn:	https://linkedin.com/in/vivekchaure
GitHub:	https://github.com/vivekchaure