

# Guddu Khan



Mobile: +91 987 368 0654

Email: guddukhan1987@gmail.com

LinkedIn: <https://www.linkedin.com/in/guddukhan1987>

## Professional Summary

Experienced and results-driven **Solutions Architect** with over 16+ years of proven expertise in designing, secure, and enterprise-grade Cloud end-to-end solutions. Adept at aligning IT strategies with business objectives, driving digital transformation, and engaging with stakeholders to deliver measurable outcomes. Strong knowledge in architectural frameworks and security best practices.

### Executive Summary

**Current Employer** **adidas India Marketing Pvt. Ltd. Gurgaon**, currently working as a **Sr. Platform Engineer** on AWS Cloud, Alibaba Cloud and FinOps, since April 2021.

### Experience

**16 years and 9 months** of total IT work experience.

- 1 year and 3 month of work experience as a **Senior Technical Specialist** in **Icreon Communications Pvt. Ltd, Noida.**
- 3 years and 4 month of work experience as a **DevOps Lead** in **Kiwi Technologies India Pvt. Ltd, Noida.**
- 8 months of work experience as a **Sr. Engineer - DevOps** in **SourceFuse Technologies (India) Pvt. Ltd, Noida.**
- 4 years and 2 months of work experience as a **System Administrator** in **Impressico Business Solutions Pvt. Ltd, Noida.**
- 2 years and 7 months of work experience as a **Linux Engineer** in **Torrid Networks Pvt. Ltd, Noida.**

## TECHNICAL SKILLS

Operating Systems	:	Ubuntu, RedHat Linux, Amazon Linux, CentOS, Windows Server
Cloud Computing	:	Amazon Web Services (AWS), Alibaba Cloud, Microsoft Azure, GCP, RackSpace, LiquidWeb, WPEngine
Compute	:	EC2, LightSail, VM, Elastic Load Balancer, Auto Scaling
Cloud Storage Services	:	S3, EBS, EFS, CloudFront
Database	:	MySQL, MariaDB, AWS Aurora and RDS, MongoDB
Application Services	:	SES, SNS, SendGrid, MailChimp
Continuous Integration	:	Jenkins, GitLab, Azure DevOps
Deployment & Management	:	Elastic Beanstalk, Docker, Kubernetes (Basic), Terraform
Code Versioning	:	Github, BitBucket, Jira
Web Hosting	:	JustHost, SiteGround, Yahoo, GoDaddy
Virtualization	:	Proxmox Virtual Environment Server, VMWare
Control Panel	:	cPanel, WHM, Plesk, Cloudflare
Web Server	:	Apache, Nginx, Tomcat, WildFly, LAMP, XAMPP
Network Monitoring Tool	:	NewRelic, Site24x7, Nagios, Grafana, Prometheus Zabbix, Monit
Languages	:	Shell Scripting, Python
Framework	:	FinOps (Cloud Infra cost saving, modernization and optimization)
Analytics	:	Microsoft PowerBI

## CORE COMPETENCIES

---

- Cloud Technologies (AWS, AZURE, GCP, ALIBABA)
- Enterprise Architecture & Digital Transformation
- Security Best Practices & Compliance
- Application Modernization & Cost Optimization
- RFP Responses & Client Engagement
- Business-IT Alignment & Capability Modeling

## CAREER EXPERIENCE

---

### Apr 2021 - Present: adidas India Marketing Pvt. Ltd, Gurugram, India

#### Sr. Platform Engineer (AWS Cloud, Alibaba Cloud, FinOps)

- Working on AWS Cloud solution architecting with the services like EC2, RDS, S3, IAM, ALB, VPC, Transit Gateway, ECS, DynamoDB, ElastiCache, AWS Organizations etc.
- Implemented AWS Web console authentication with Azure AD SSO service.
- Designing Architecture, initial capacity planning, installation, configuration and integration of the various cloud platforms e.g., AWS, Alibaba etc.
- Understand requirements and architecture discussion with application team and propose the required solutions.
- Working with various application teams globally in multiple time-zones.
- Leading the team of Five AWS engineers to ensure the SLA of the daily application teams requests.
- Working with cloud engineers to automate the required solutions to improve the services for application teams on AWS.
- Application migration from On-premises, shared AWS accounts to dedicated AWS accounts.
- Working with commercial teams for increasing the business and revenue of Cloud consulting.
- Running FinOps framework for Infra cost saving by modernizing and optimizing AWS resources.
- Mentoring and up-skilling the team with AWS services and latest tools.

#### Project 1: Cloud Migration

- Designed and delivered scalable cloud architectures, integrating frontend, and backend systems using modern tech stacks.
- Partnered with application stakeholders to gather requirements, model best practices, and align technical solutions with business goals.
- Implemented secure architectures, mitigating risks through proactive vulnerability assessment and compliance alignment.
- Guided teams in the adoption of microservices and containerized solutions, significantly improving deployment velocity and system resilience.
- Contributed to the successful migration of on-premises infrastructure to the cloud, leveraging Amazon AWS and Alibaba Cloud.
- Understand requirements and architecture discussion with application team and propose the required solutions.
- Designed and implemented automated deployment pipelines using Jenkins, ensuring efficient and reliable application delivery.

#### Project 2: FinOps

- Running FinOps framework for Infrastructure cost savings by modernizing and optimizing resources on AWS platform.
- Custom cost reporting dashboard in MS PowerBI for highlighting Savings Plan discounts in Cost Transparency (Billing), improving the look and feel, and upgrading the features related to billing, inventory, and cost optimization.
- Created awareness among users on utilizing CSP and RI for EC2 and RDS, enabling up to 30% monthly cost savings.
- Saved US\$ **1M** and CN¥ **1.5M** in 2024 by analysis and optimization of running AWS Cloud resources.
- Educating Platform Owners to perform the cost savings with FinOps best practices.

### Oct 2019 - Jan 2021: Icreon Communications Pvt. Ltd, Noida, India

#### Sr. Technical Specialist (AWS, Azure)

##### Projects 1: AT&T US, Client: Amdocs, Pune, Designation: Software Architect – Cloud Practice

- Worked on Azure Cloud as a Cloud Architect to migrate the AT&T Legacy application to Azure Cloud.
- Worked on application Discovery and Auditing, Assessment, Cloud Architecture and Migration strategy for Azure Cloud Migration.
- Working with the development team for planning the application migration strategy.

##### Projects 2: ASTM International (MCS-2.0, RTDx), Labaton, DavidZwirner

- Working on AWS Cloud with the technologies like EC2, RDS, Elastic Beanstalk, S3, IAM, ECS and EKS, Security Groups, AWS Code Deploy, Code Pipeline, Kubernetes, Docker.
- Configuration and Monitoring of application with Cloudwatch, NewRelic and Database monitoring with Performance Insights.
- Application and Infrastructure auditing before migration to the Cloud platform.
- Provisioning of infrastructure with terraform scripts with required cloud services.
- Configuration of CI/CD jobs and pipelines configuration on Jenkins, Teamcity and Azure DevOps.
- Working on Azure Cloud with technologies like, VM, VNET, Service Fabric Cluster, AKS, SQL, Application Gateway, Azure DevOps, Teamcity.

## **Jun 2016 - Oct 2019: Kiwi Technologies India Pvt. Ltd, Noida, India**

### **DevOps Lead – (AWS Cloud, Google Cloud Platform, DevOps)**

**Projects:** collectnow.com, payballapp.com, moietyapp.com, poptasks.com, metrobutler.com, leaguegrowth.com, f2fhealth.com, safehealth.com

- Working with Amazon Cloud with the technologies like EC2, RDS, Elastic Beanstalk, S3, IAM, Security Groups & Cloud Infra Microsoft Azure, Google Cloud Platform, Heroku & other IaaS, PaaS and SaaS.
- Leading DevOps Team with Ten DevOps engineers.
- Understand client requirements, architecture discussion with the client and with the team to propose the solutions and ensure delivery.
- Planning of Architecture and DR setup for critical applications to provide continuity of operations in the event of disaster.
- Application and Infrastructure auditing before migration to the Cloud platform.
- Mobile Apps (Android, iOS) release and deployment setup with Jenkins.
- Provide solutions to clients and developers & mentor team for new solutions.
- Configuring and Managing Linux server along with tools cPanel and WHM.
- Configuration and deployment of code on AWS Beanstalk, Heroku platform.
- Configuring dev, staging and production environment for new project's & site migration.
- Installation and configuration of CMS's like WordPress, Magento, Joomla, Drupal etc.
- Working with GIT including creating new repositories, managing, merging branches and helping Developers in GIT related issues, setting up auto pull requests with Jenkins and Bamboo CI integration.
- Configuring and managing dev server environment on AWS EC2, Beanstalk and OpsWorks.
- Researching & implementing new technologies like CloudChecker, Scalr etc.
- Creating and configuring EC2, Beanstalk and OpsWorks Instance with Load-balancer and Auto-Scaling.
- Configuring & implementing required software as per project requirements & resolving issues.
- Working with configuration and management of MongoDB with RockMongo.

## **Oct 2015 - MAY 2016: SourceFuse Technologies (India) Pvt. Ltd, Noida, India**

### **Sr. Engineer - DevOps**

**Projects:** InventorySource.com, Babydestination.com, Happyhakka.com, Voidlive.com

- Working with Amazon cloud mainly with the technologies like EC2, RDS, S3, IAM, Security Groups & other Cloud infra like Rackspace, Armor (FireHost) & LiquidWeb.
- Understand client requirements, propose solutions and ensure delivery.
- Configuring and Managing Linux standalone server along with tools like Plesk, WHM, cPanel and Webmin.
- Configuration and migration of wordpress websites on WPEngine.
- Configuring dev, staging and production environment for new project's & site migration.
- Installation and configuration of CMS's like WordPress, Magento, Joomla, Drupal etc.
- Working with GIT including creating new repositories, managing, merging branches and helping Developers in GIT related issues, setting up auto pull requests with Jenkins.
- Configuring and managing dev server environment on WHM server, AWS EC2, Beanstalk and OpsWorks.
- Researching & implementing new technologies like CloudChecker, Neo4j etc.
- Creating and configuring EC2, Beanstalk and OpsWorks Instance with Loadbalancer and Auto-Scaling.
- Configuring & implementing required software as per project requirements & resolving issues.
- Working with MMS configuring and managing shard cluster, creating replica sets for Mongo database.

## **Jun 2011 - SEP 2015: Impressico Business Solutions Pvt. Ltd, Noida, India**

### **System Administrator (Cloud Specialist)**

**Project:** SubjectMatter USA

- Created AWS account and configure the EC2 (Elastic Compute Cloud) instance.

- Select and implement the best strategy for creating reusable Amazon EC2 instances.
- Implemented the cloud watch monitoring tool and Tagging in EC2 instance in AWS.
- Implemented the IAM's (Identity and Access Management) to create the Users, Groups, Role, Policies and Account Setting for the end users in AWS.
- Configure a set of Amazon EC2 instances that launch behind a load balancer, with the system scaling up and down in response to demand.
- Implemented VPC, Elastic Load Balancer (ELB) and EC2 Auto Scaling.
- Implemented the RDS (Relational Database Service) to create the databases with Multi AZ's in AWS.
- Implement automated backups.
- Implemented the SES services for sending the bulk emails to clients.
- Handling Instance Lifecycle Terminate and Reboot.
- Create/Update/Rebuild/Restart/Swap/Terminate environments.
- Start/Stop/Reboot Amazon EC2 instances – as needed by builds or at specific times of the day.
- Create/Delete/Backup snapshots of Amazon EBS volumes or images (AMIs) of EBS backed EC2 instances.
- Upload/Download/Copy/Delete Amazon S3 Object objects – store and retrieve artifacts via Amazon's reliable, secure, fast and inexpensive infrastructure.

## Oct 2008 - May 2011: Torrid Networks Pvt. Ltd, Noida, India

### Linux Engineer (L2 Support)

#### Project: Multitex Filtration Engineers Ltd, New Delhi

- Creating the health reports and removes the defunct process in daily basis.
- To creating/managing user account creation, deletion, and configuration in Linux.
- Checked all the P1, P2 and P3 ticket and resolved on the given SLA.
- Managing Permissions of files/folders and grant sudo access.
- Managing user account creation, deletion, and configuration.
- Troubleshooting & installation of local area network
- Installation Configure and Maintain Computer hardware, Wireless network, Application Software and Other Peripherals.
- Installation Configure and Troubleshooting Application Software.
- Installation, deployment, support and maintenance of Servers (RHEL & Windows)
- User/Group Administration
- Internal SAMBA – File Server
- Managing Permissions of files/folders; grant sudo access; Advanced permissions - ACLs
- Backups of databases & restoration as per requirement
- Performance Tuning / Monitoring of Servers
- Troubleshooting networks, Linux systems, and applications to identify and correct malfunctions and other operational problems.

## Academic Qualification

- Master of Computer Applications (Information Technology) with 59% from Sikkim Manipal University (2014-2016)
- Bachelor of Computer Applications (Information Technology) with 70.8% from Sikkim Manipal University (2011-2013)
- Higher Senior Secondary Exam (XII) with 52.2% from CBSE-Delhi (2005)
- Senior Secondary Exam (X) with 43.9% from CBSE-Delhi in (2003)

## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (YW0Q4S3K6BF1QBGM)
- AWS Certified Solutions Architect – Professional (0W2CTGDKG2B1QP9K)
- Microsoft Azure Architect Technologies (AZ-300)
- Red Hat Certified Engineer – v6.0
- Microsoft Certified Professional - 2003
- Jetking Certified Hardware and Networking Professional

## Personal Dossier

Nationality	: Indian
Marital Status	: Married
Passport	: Valid till January 2033
Linguistic Abilities	: English and Hindi

PLACE:

GUDDU KHAN