Mukul Kumar
Software Engineer Cloud/DevOps
New Delhi (India)

CAREER SUMMARY

Dependable and goal-oriented software engineer with **4.5 years of experience** in the software development life-cycle, including requirement specification, infrastructure provisioning, solution designing, automating cloud-based operations, site reliability, and DevOps culture implementation, with a well-developed knowledge base. Collaborative team player with exceptional skills in cloud-based security, orchestration tools, and deploying AWS infrastructure.

WORK EXPERIENCE

◆ **NatWest Group (Royal Bank of Scotland), Gurugram**
November 2021 – Present
Platform Center of Excellence infrastructure engineering & operations

- UiPath **Automation Suite** deployment on AWS and Kubernetes
Skills: AWS EC2, S3, IAM, Route 53 DNS, Kubernetes, and UiPath
*Migrating on-prem platform to **cloud infrastructure (PaaS)** by deploying and managing AWS partner solution.
*Collaboration and Communication: working as customer domain buddy to facilitate blue-green **customer journey** migration.
*Ensuring **high availability** using Disaster recovery approach and multi-node architecture design.

- Partnered with UiPath delivery support team for license management, AWS **cost estimation,** and product and feature integrations as a Business Analyst.
- **Monitoring** the server administration tasks and supporting customer operations and production incidents through ITSM tool ServiceNow and JIRA ticketing system.

- Undertook and assisted platform-oriented implementations: performance testing using JMeter for **capacity estimation.**
- Implementing and maintaining **CI/CD** pipelines for automated testing and deployment. Facilitating **security best practices** in cloud environments using web application firewalls, identity and access management, and penetration test.

- Supporting project planning **and high level solution design** for **Microsoft Power Automate** onboarding in NatWest by streamlining infrastructure and data design interactions in the Azure cloud.

◆ **Altran Technologies (Capgemini Group), Gurugram**
August 2019 – August 2021
Automation development

- Developed Patch Automation Tool using UiPath to perform unattended patching process of Desktop-based application services under RTCC (Real Time Call Control) project for Nokia's SPS (Smart Pricing System) product.

- Created and managed end-to-end business process for Deployment of OSP services using web automation of VMware vCloud Director GUI interface.

- Implemented module for automation of ACN registration using SPS-GUI interface as part of the new operator enrollment business process.

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https://www.linkedin.com/in/MK-1/
https://github.com/AlbusDumble-dore

TECHNICAL SKILLS

- Cloud Platforms - **AWS** and **GCP** (Compute, Storage, Networking, IAM, Databases, Management services etc.)

- **DevOps** tools -
  CI/CD: CircleCI, TeamCity
  Configuration management : Ansible
- **Containerization**– Docker, Kubernetes
- Infrastructure as code **IaC**– AWS Cloudformation, Terraform

- Version Control Systems – **Git** (GitLab, GitHub, Bitbucket)

- Bug tracking & Workspace management - **Jira**, **Confluence, Agile and Scrum Methodologies.**

- **Monitoring** using Prometheus, logs management using Elasticsearch, Kibana

- **RPA** UiPath – 2021.10 Studio and Orch.

ACHIEVEMENTS/ REWARDS & RECOGNITION

- NatWest **LOV Award** – Dec'2022
- Altran **Star of the month -** Jan'2020
- Wow **Team Excellence Award** June'2020

- **Google Cloud Certified Professional Cloud Architect**
- Professional **Scrum Master**-I certification (Scrum.org)
- Udacity Cloud DevOps Engineer **Nanodegree** certification
- UiPath **Certified** RPA Associate (UiRPA)

- Training and Placement **Coordinator** for B.Tech-IT (2019 batch).
- Member of **Enactus Society**, Bharati Vidyapeeth's College of Engineering and National Power Training Institute.

EDUCATION

B.TECH (Information Technology)	85.5%	2015-2019
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi		
CLASS XII (CBSE)	93.5%	2014-2015
BAL BHAVAN PUBLIC SCHOOL, New Delhi		
CLASS X (CBSE)	CGPA 9.8	2012-2013
BAL BHAVAN PUBLIC SCHOOL, New Delhi		

INTERNSHIPS & TRAININGS

Organization: Defense Research and Development Organisation (**DRDO**), Defense Scientific Information and Documentation Centre Division(DESIDOC), New Delhi
Profile: Network Security Intern
Duration: June 2018 – July 2018
Project Undertaken: Network Security Analysis Research on Security Monitoring in Enterprise.

Organization: MONKHUB INNOVATIONS (New Delhi)
Profile: Full Stack Web Developer
Duration: December 2017 – January 2018
Projects Undertaken: Time Tap, EnergyX.

Institution: CODING BLOCKS , (Delhi)
Title: Web Development using Node.js
Duration: 2 months (June 2017-July 2017)
Projects Undertaken: E-commerce website model.

ADDITIONAL PROJECTS

- **Capstone** project - Developed an CI/CD pipeline for micro-service application with blue/green deployment and Continuous Integration & Continuous Deployment using CircleCI to build and deploy docker container images stored in registry on Kubernetes cluster on infrastructure provisioned by Cloudformation and Ansible.

- **Singhal Uniforms ERP –** https://ssuerp.shop/

  Admin Dashboard for a small sized enterprise to optimize business processes by migrating from traditional offline management to a comprehensive ERP solution for enhanced efficiency. Product catalog, purchase order tracking, and fabricator aggregation features are deployed in the continuously improving web application.

HOBBIES & INTERESTS

- Fitness, running
- Table Tennis

UDACITY

NANODEGREE PROGRAM

Cloud DevOps Engineer

CERTIFICATE OF COMPLETION

Awarded to

Mukul Kumar

SEBASTIAN THRUN
SEBASTIAN THRUN
Founder, Udacity

October 08, 2023

Udacity has confirmed participation of this individual in
this program. Confirm program confirm.udacity.com/
e/00b15dec-0b63-11ee-8d67-c752228a8550.

Google Cloud

This acknowledges that

Mukul Kumar

has successfully completed all the requirements to be recognized as a

Google Cloud Certified
Professional Cloud Architect

Series ID: 89863
Issue Date: 24 Feb 2024
Expiration Date: 24 Feb 2026
ID: 5c95c296d38b48a8afa16d3bcc4427ab
Certified As: Mukul Kumar

Thomas Kurian
Thomas Kurian
CEO, Google Cloud

Scrum.org
The Home of Scrum

PROFESSIONAL CERTIFICATION

PROFESSIONAL SCRUM MASTER I

Mukul Kumar

has demonstrated a fundamental level of Scrum mastery, including the concepts of applying Scrum, and proven an understanding of Scrum as described in the Scrum Guide. This individual has also demonstrated a consistent use of terminology and approach to Scrum.

In recognition of this achievement, Scrum.org is pleased to award this certification.

PROFESSIONAL SCRUM MASTER I

Scrum.org

PSM I

Ken Schwaber, founder Scrum.org

March 19, 2023

Certification Date

https://scrum.org/certificates/935736

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STAR OF THE MONTH

AWARDED TO

Mukul Kumar

For

The exemplary performance shown in month of January 2020 of Nokia BU.

STAR

Mini Mehta
(Assistant Vice President, Engineering)

Vikas Koul
(Vice President, Engineering)

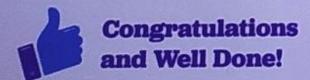**Deepak Jain**
(Director, Engineering)

Celebrating Excellence in Living Our Values!

Natwest Services is proud to recognise the extraordinary effort of

MUKUL KUMAR

For setting a shining examle of Living Our Values and
helping NatWest to become a really good bank

CURIOUS

**Congratulations
and Well Done!**

Signature

Inclusive, Robust, Curious, Sustainable, Ambitious

Inclusive