

Ajay Sharma GS

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EDUCATION

University of St Andrews

Scotland, United Kingdom

Master of Science in Information Technology with Management

Sept 2022 - Aug 2023

Relevant Coursework: Software Engineering Principles, Critical Systems Engineering, Marketing Principles, Entrepreneurship Innovation, and Creativity, Information Security Management, Digital Preservation and Promotion of Heritage (VR/AR), Managing HR

Grade: Towards Distinction (2 Semesters)

#1 University in the UK (Guardian Rankings 2023)

NIIT University

Rajasthan, India

Bachelor of Technology in Computer Science and Engineering

July 2016 - July 2020

Relevant Coursework: Advanced Computer Networks, Cloud Computing, Fog and Edge Networks, Artificial Neural Networks, Machine Learning, R&D Project on IoT and Cloud

Grade: 7.93/10.0

EXPERIENCE

Kyndryl

Bengaluru, India

Technical Services Professional: Cloud Migration and Modernization

Sept 2021 – June 2022

- Worked on migrating Application, Database, and Storage workloads from traditional datacentres to multi-cloud environments like IBM Cloud and Amazon Web Services
- Collaborated with application teams from the customer's side to gather technical requirements and helped them to achieve success in their digital transformation journey
- Contributed to Research and Development activities which involved working on the latest technologies like Kubernetes and Openshift for Container Migration Use cases

IBM

Bengaluru, India

Associate Developer: Cloud Migration and Modernization

Sept 2020 – Aug 2021

- Engaged in the development of software applications using Python; Developed automation scripts using Ansible to support the discovery of container-based workloads present in customer's datacenters
- Worked closely with multiple clients on the modernization of applications, upgraded the overall technology stack, and made the applications compatible with the cloud environment
- Analyzed the dependencies involved between different applications, created visual dashboards using an AI-based tool called Cloudscape, and presented them to the customer teams
- Conducted interviews with multiple stakeholders and generated Migration Wave Plans based on the analyzed dependency data

StackRoute

Bengaluru, India

Intern, Product Engineering Executive

Jan 2020 – July 2020

- Took active participation in provisioning cloud infrastructure and the development of multiple software products

- Created Proof of Concepts (POCs) for Cloud automation pipelines using Terraform to automatically provision the AWS S3 storage buckets
- Explored Google Cloud Platform and created a cost comparison analysis which helped the company to save 25 % of the amount spent on cloud services

Supreme Netsoft Pvt. Ltd.

Hyderabad, India

Cloud Intern

May 2019 – July 2019

- Contributed to the deployment of HR-based applications using Microsoft Azure Cloud
- Created Technical Documentation for the steps involved in the deployment of applications using Azure and AWS

SKILLS

Technical Skills:

Cloud - Amazon Web Services(AWS), Google Cloud Platform, Microsoft Azure, IBM Cloud, VMware

Containers - Kubernetes, Openshift, Docker

Operating Systems - Linux, AIX, Windows

Infrastructure as Code(IaC) and CI/CD - Ansible, Terraform, Jenkins, Git

Research Interests: VR/AR, Quantum Computing, Data Analysis, Machine Learning

Programming - Python, Java, Web Development (HTML, JS, CSS, React), Android, SQL

Management: Product/Project Management, Marketing, Entrepreneurship, HRM, Excel

CERTIFICATIONS

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|---|------------------------------|
| • Microsoft Azure Fundamentals (AZ - 900) | Microsoft |
| • Cloud Security Architect and Engineer Fundamentals | IBM |
| • Architecting for Reliability, Cost & Operational Excellence on AWS | Pluralsight |
| • Migrating to Google Cloud | Google Cloud |
| • IBM Quantum Conversations | IBM |
| • Site Reliability Engineering | Google Cloud |
| • Exploring and Producing Data for Business Decision-Making | University of Illinois(UIUC) |

ACTIVITIES AND LEADERSHIP

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| • Head of Technology: The University Ultra Run
(An event involving the universities of Oxford, Cambridge, and St Andrews) | Jan 2023 - Present |
| • Accommodation Assistant, University of St Andrews, Scotland | May 2023 - June 2023 |
| • Marketing Coordinator, VYBZ, London | Nov 2022 - Nov 2022 |
| • Lead Organiser, Hospitality: Ingenuity, NIIT University, India | Feb 2019 - Apr 2019 |
| • Editor, Social Media Club, NIIT University, India | Jan 2018 - Dec 2018 |

PROJECTS

- [The Vanishing Summits](#) - Developed a game using Unreal Engine to educate the impacts of Climate Change in the Mt Everest Region
- [The University Ultra Run](#) - Created a web application for a marathon event using React and Leaflet.js
- [Personal Projects Portfolio](#) - Check out my other projects here