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Personal Profile

A results-driven MSc Cloud and Enterprise Computing student at Nottingham Trent University with a strong foundation in cloud technologies, DevOps practices, and networking fundamentals. I bring hands-on experience in cloud architecture, Linux system administration, and systems automation, aligning perfectly with the demands of a DevOps role. Passionate about leveraging AWS services and innovative automation solutions to drive operational efficiency and deliver superior customer experiences.

EDUCATION

Nottingham Trent University - Nottingham, UK

September 2023 – September 2024

MSc in Cloud & Enterprise Computing

Key Modules

- **Cloud Computing Architectures and Service Deployment:** I have developed a thorough understanding of Cloud Infrastructure, including Design Principles, Deployment Strategies, and managing Cloud Services and Applications. This comprehensive knowledge has enabled me to architect scalable and efficient Cloud Solutions while working with various Cloud Platforms and understanding the intricacies of different Cloud Service models.
- **Enterprise System Management:** I have learned the principles of managing large-scale Enterprise Systems, including Resource Allocation, Performance Monitoring, and System Optimization. Additionally, I have studied Enterprise Project Management and Strategic Management, which have equipped me with the skills to lead projects, align IT strategies with business objectives, and maintain robust IT environments.
- **DevOps and Agile Methodologies:** I have gained proficiency in DevOps practices and Agile methodologies, enhancing my ability to facilitate continuous integration and continuous deployment (CI/CD) pipelines. This has improved my capability to deliver high-quality software rapidly and efficiently.
- **Networking and Security:** I have acquired a solid foundation in Network Protocols, Security Measures, and Data Protection Strategies. This module has equipped me with the knowledge to design secure and resilient network architectures.
- **Service-Oriented Architecture (SOA):** I have learned to design and implement SOA-based systems, which promote modularity and reusability in software development. I have also utilized APIs to integrate various services and components, enhancing my ability to create flexible and scalable enterprise applications. I received a distinction in this module for my coursework.

Other key modules include Database Management, Cloud Storage Solutions, and Software as a Service (SaaS) Development.

Nottingham Trent International College - Nottingham, UK

January 2023 – July 2023

Pre-master's in computing

Visvesvaraya Technological University, Bangalore, India

July 2015 – July 2021

Bachelor of Engineering in Computer Science

Modules: Java, Dot Net, Python, Data Structures and Algorithms, Software Engineering, Operating Systems, DBMS, Computer Networks, Web Development, Cloud Computing, Machine learning.

Key SKILLS

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- Cloud Technologies & DevOps: Expertise in AWS services (EC2, S3, RDS, Lambda), scalable solution deployment, and CI/CD pipelines using tools like Docker, Git, and Jenkins.
 - Linux Administration & Networking: Strong working knowledge of Linux system administration and network protocols (DNS, DHCP, TCP/IP, HTTP).
 - Automation & Programming: Proficient in scripting languages such as Python, BASH, and Java for automating processes and solving operational challenges.
 - Operational Excellence: Experienced in creating and optimizing Standard Operating Procedures (SOPs) and runbooks.

Tools & Technologies: Microsoft Office, Python, SQL and NoSQL databases, Docker, GIT, RHEL Linux, RESTful APIs, JMeter, NetBeans, AML, Experian.

CERTIFICATION

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- AWS Solutions Architect Associate

EXPERIENCE

Risk Analyst, Amazon Development Centre Pvt Ltd, Bangalore, INDIA.

January 2022 - January 2023

- **Developed and maintained internal tools** to support compliance and security within AWS infrastructure.
- **Led a data management solution project** to streamline compliance workflows, ensuring adherence to regulatory standards and improving data analysis efficiency.
- **Designed and implemented** automated processes to minimize manual intervention and enhance operational accuracy.
- **Optimized cloud-based** compliance tools using AWS services, achieving improved performance and scalability.
- **Collaborated with cross-functional** teams to identify compliance risks, troubleshoot issues, and develop robust solutions.

Retail Assistant/Team Leader, NTSU Spar Shop, Nottingham (PART-TIME)

January 2024 – August 2024

- As a Retail Assistant (Jan - May 2024), my responsibilities included stocking shelves, ensuring proper stock rotation, greeting and serving customers, and maintaining the general tidiness of the store. In May 2024, I was promoted to Team Leader, where my role expanded to include delegating tasks to staff members, managing cashing up at the end of the day, and carrying out daily safety checks.

Hobbies & Interests

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- Passionate about exploring and contributing to open-source cloud computing projects.
 - Continuous learning of emerging AWS technologies and best practices.

References

Available upon request.