Reenku Choudhary

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EDUCATION

Bangalore University　　　　　　　　　　　　　　　　　　　　　　CGPA - 8.2
Master of Computer Applications　　　　　　　　　　　　　*Feb. 2023 – Sep. 2024*

Vidya Sanskaar Institute of Science, Commerce and Management　　　CGPA - 9.9
Bachelor of Computer Applications　　　　　　　　　　　*June 2019 – Sep. 2022*

PROJECTS

AWS VPC and EC2 Deployment using Terraform | *VPC, EC2, IAM, CLI, Terraform, Subnet*　　August 2024
- Reduced environment setup time by 80% through Automation
- Improved security and compliance by using Infrastructure as Code (IaC) principles
- Reduced manual deployment errors by 100% and cut down the EC2 setup time by 90%

Static Website Hosting | *S3, CloudShell, IAM*　　July 2024
- Successfully hosted a fully functional static website with high availability and scalability using Amazon S3
- Automated the deployment process, reducing setup time by 70% with Amazon CloudShell and AWS CLI
- Enhanced security and access management by implementing proper IAM policies and configuring S3 bucket permissions.

Amazon EFS Setup and Mounting on EC2 | *EFS, EC2, IAM*　　June 2024
- Enabled shared file storage across multiple EC2 instances, improving data consistency and availability
- Achieved a 99.9% uptime by leveraging EFS's built-in redundancy and scalability
- Streamlined the deployment process, reducing setup time by 70% using the EC2 Launch Instance Wizard

RDS Backup & Restore using AWS Backup | *RDS, AWS Backup*　　June 2024
- Automated daily backups of RDS instances, ensuring data recovery points were consistently available
- Reduced manual intervention in backup processes by 95%, enhancing operational efficiency

Movie Recommendation System | *Pycharm, Jupyter Notebook, Streamlit*　　March 2024
- Engineered a content-based recommendation system that analyzed user-tag interactions; system now generates personalized movie suggestions
- Sourced a comprehensive dataset from Kaggle leveraging the powerful Streamlit framework for the project

Fashion Boutique Management | *Eclipse, MySql, Java*　　March 2022
- Engineered a seamless online shopping experience enabling customers to browse a catalog of more than 20 apparel items
- Leveraged Eclipse as the Integrated Development Environment (IDE) to streamline and optimize the development process
- Utilized MySQL for robust and scalable database management, while employing HTML, CSS, and JavaScript to craft dynamic and responsive front-end interfaces

CERTIFICATIONS

AWS Certified Cloud Practitioner
Docker Essentials: A Developer Introduction
AWS S3 Basics
Python Fundamentals For Beginners
Python For Data Analysis

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Developer Tools: Github, Terraform, Docker, Amazon Web Services, VS Code, Visual Studio, PyCharm, Eclipse
Libraries: pandas, NumPy, Matplotlib

ACHIEVEMENTS

Bengaluru City University 3rd Rank - Bachelor of Computer Applications
State Republic Day Parade 2022 - National Service Scheme