

Reenku Choudhary

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EDUCATION

Bangalore University

Master of Computer Applications

CGPA - 8.2

Feb. 2023 – Sep. 2024

Vidya Sanskaar Institute of Science, Commerce and Management

Bachelor of Computer Applications

CGPA - 9.9

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

Amazon EFS Setup and Mounting on EC2 | EFS, EC2, IAM

June 2024

- 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

Portfolio Website | React, Tailwind CSS, GitHub, Netlify

September 2024

- Built a mobile-first, fully responsive web application with optimized performance
- Improved page load time by 25% using Tailwind CSS for efficient styling and React for component-based architecture
- Deployed the website using Netlify, achieving 99.9% uptime and continuous integration for seamless updates

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
Getting Started with Git and GitHub
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, Netlify, PyCharm, Eclipse
Libraries: pandas, NumPy, Matplotlib

ACHIEVEMENTS

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