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Muqsit Malik

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DevOps ENGINEER

Srinagar, Jammu & Kashmir



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PROJECTS

SUMMARY

Experienced programmer with expertise in Kotlin and C++, and a strong background in cyber security, AWS, and DevOps seeking a role in Android development. Aiming to leverage my skills to develop secure, highperformance mobile applications that deliver exceptional user experiences

TECHNICAL SKILLS

* AWS : VPC, EC2, Subnet, Route Table, IAM, Internet Gateway, Load Balancer, S3 and Cloudfront.
* Orchestration Management Tool : Terraform
* Configration Management Tool : Ansible
* Virtualization : Docker
* Kubernetes
* CI/CD : Jenkins
* Shell Scripting
* Version Control : Git and Github
* Android Development
* Kotlin | C++

CERTIFICATES

* DevOps | Coding Spoon | 01/2023
* Ethical Hacking | Splen Technologies | 07/2022
* Android Development | Udemy | 06/2021

POWER SKILLS

* Communication skills
* Problem-solving
* Adaptability

INTEREST

* DevOps
* Android Development
* Networking

AES Image Encryption July/22

* Image encryption system that uses the Advanced Encryption Standard (AES) algorithm to encrypt and decrypt images. Provide a secure way to transmit and store images by ensuring their confidentiality.
* Python, PyCrypto, OpenCV, and Tkinter are used to build an image encryption system. Python will be the primary language, PyCrypto will implement the AES algorithm, OpenCV will handle image files, and Tkinter will create the GUI.
* The AES image encryption project will provide knowledge and skills in encryption techniques, AES algorithm implementation, image processing, GUI development, library integration, and project management.

NEWS App July/21

* Fetches data using an API and displays it in a linear layout. The app is built using Kotlin and Volley library.
* Kotlin, Volley library, and an API is used to fetch the latest news data. Volley library is used to handle the network requests and to parse the JSON data received from the API. Linear layout is used to display the news data in a simple and organized manner.
* Include API integration, JSON parsing, Volley library usage for network requests, working with linear layout for data display, and gaining knowledge on asynchronous programming and threading in Android app development.

Web Scraping Tool May/21

* Developed a Python-based web scraping tool that can extract data from multiple websites and store it in a structured format. The tool will enable users to automate the data extraction process, thereby reducing manual effort and time.
* Python, Beautiful Soup, Requests, Pandas, and MongoDB.
* Hands-on experience in web scraping with Python, using Beautiful Soup and Requests libraries. Knowledge of structured data storage with Pandas dataframes and MongoDB, and automating the scraping process with Python scripts. Awareness of legal and ethical considerations in web scraping, including copyright laws. Improved technical skills in Python and web scraping, and gained knowledge of data management and legal considerations.

ACHIEVEMENTS

Open Water Swimming Sep/21

Successfully completed a 7.5 km competitive swim in a lake, demonstrating exceptional endurance, determination, and commitment to physical fitness.

Water Polo July/21

Achieved a memorable victory in a water polo match, demonstrating exceptional teamwork, athleticism, and sportsmanship, resulting in a well-deserved win for our team.

EDUCATION

B.Tech in Computer Science 2020 – Present

Lovely Professional University | Jalandhar, Punjab

CGPA 7.88