

## Aniket Bartwal, DevOps Engineer

Motivated DevOps student seeking opportunities to enhance software development and deployment processes. Eager to contribute to a dynamic team and gain practical experience.

### Education

#### DevOps for Cloud Computing , Lambton College, Toronto

January 2023 — September 2024

##### Relevant Courses :

- Python Programming In Canada
- CI/CD and Configuration Management
- Cloud Computing
- DevOps Fundamentals for Canadian Enterprises
- Linux & Windows Server Admin
- Containerization and Container Delivery
- DevOps and Cloud Computing for Canadian Enterprises
- Distributed Systems and Cloud Computing

#### Bachelor of Science in Information Technology, Himalayan Institute of Technology, Dehradun

June 2019 — September 2022

##### Relevant Courses :

- Data Structure
- Programming in Java
- C & C++ Programming
- Applied Mathematics
- Web Designing & Programming
- SQL
- Software Engineering
- Software Testing

### Skills

- **Programming Languages:** Python, Java
- **Version Control Systems:** Git
- **Build and Deployment Tools:** Jenkins
- **Containerization:** Docker
- **Configuration Management:** Ansible
- **Cloud Platforms:** AWS, Azure
- **Infrastructure as Code (IaC):** Terraform
- **Operating Systems:** Linux, Windows

### Projects

Implementation of CI/CD pipeline (Course Project):

- Implemented Jenkins pipelines for automating build and deployment processes.
- Integrated unit testing and code quality checks into the CI/CD pipeline.
- Collaborated with a team to ensure smooth integration with version control.

#### **Dockerized Microservices Architecture (Course Project):**

- Designed and implemented a microservices architecture using Docker containers.
- Orchestrated containerized applications for easy scalability and maintenance.
- Gained hands-on experience with Docker Swarm and Kubernetes.

#### **Cloud-Based File Storage System (Course Project):**

- Designed and implemented a scalable and secure cloud-based file storage system on AWS using Amazon S3.
- Implemented seamless integration between the application and AWS S3, utilizing AWS SDKs and ensuring efficient file upload/download functionalities.
- Implemented robust security measures, including IAM roles, bucket policies, and server-side encryption, ensuring the confidentiality and integrity of stored data.
- Prepared comprehensive documentation outlining the architecture, configurations, and access control mechanisms for the cloud-based file storage system.

## **Employment History**

### **Flutter Developer at Geek Technotonic Pvt. Ltd., Dehradun**

November 2022 — November 2023

- Implemented a REST API integration that dynamically retrieved and synchronized data from the server to the mobile application.
- Utilized the latest features of the Flutter SDK to create a dynamic and immersive user experience
- Developed a custom UI/UX design for the mobile application.
- Utilized version control tool (GitHub/Gitlab).
- Developed a mobile application that supported multiple languages and different devices with minimal performance impact.
- Developed an authentication system with secure user authentication and authorization.
- Utilized state management techniques to create a responsive and reactive user interface.
- Implemented PayPal REST APIs that authenticate with OAuth 2.0 access tokens, and return HTTP response codes and responses encoded in JSON.