

# Sumon Paul

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## Skills

**Automation** Teraform, Ansible, Python, Shell  
**Cloud** OpenStack, AWS  
**Languages** Python, C++ , Java, HTML/CSS,

**CI/CD** Git, Jenkins, Git Actions, FluxCD  
**Infrastructure** Kubernetes, Docker, LXC  
**Others** IoT, CloudFlare, Zimbra, Postfix

## Experience

### Aamra Networks, Dhaka

Jan 2023 - Present

Cloud Engineer

- Deployed and managed cloud infrastructure using OpenStack, reducing workload by 20%
- Automated cloud operations using Python and Shell scripting, decreasing costs by 25%
- Continuously Monitored and optimized cloud system performance, ensuring 99.9% system up-time
- AWS, EC2, S3, OpenStack, Teraform, Ansible, Jenkins, Git, Python, MySQL, Kubernetes, Docker

### Kumudini Pharma, Dhaka

Jan 2020 - Dec 2022

DevOps Engineer

- Established Continuous Integration and Continuous Deployment pipelines, reducing deployment time by 40%
- Automated infrastructure using Terraform, Ansible and shell, lowering infrastructure management costs by 30%
- Implemented monitoring and logging systems using Prometheus and ELK stack, improving issue detection and resolution
- Hyper-V, ProxmoxVE, Docker, Ansible, Jenkins, Git, Python, Shell, Postfix

### Dhamashi Group, Dhaka

Feb 2019 - Dec 2020

System Engineer

- Administered and maintained server and network systems, minimizing downtime by 25%
- Implemented system security policies and protocols, reducing security breach costs by 20%
- Established data backup and recovery systems, lowering data loss risk by 25%
- VMware, ADDS, NFS, Cisco, Mikrotik, Shell, Zimbra, CWP, Shell

## Education

### World University of Bangladesh

Bachelor of Science in Computer Information Systems

Minors: OOP, Databases, Discrete Math, DSA, OS, Computer Networks, Machine Learning

## Awards and Certificates

- **Certification:** CDE, RHCE, RHCSA, MCSA, CCNA, MTCNA
- **Mentor at New Horizons & Creative IT:** Mentored over 1500 students, resulting in a 40% improvement in their Technical & Troubleshooting skills

## Projects

- **Paulco Cloud (2023):** "Paulco Cloud" is an advanced cloud computing platform developed using OpenStack, Python. It offers scalable and secure cloud services, reducing operational costs by up to 70% and ensuring a future-ready infrastructure.
- **Blog site (2023):** Developed with flask, SQLite, flask authentication & authorization. This is my own blog.
- **Web SSH Terminal (2023):** This is a web-based ssh terminal build using Python, Paramiko, and bootstrap.
- **Dashboard (2021):** This is a dashboard for Access multiple daily use tools built by Python, Yaml, bootstrap.
- **Network Automation (2020):** Network Automation is an automatic configuration defined network devices built by Python, Yaml, bootstrap.
- **Home Automation (2019):** The home automation project depends on the IoT project.
- **Vehicle Tracking System (2019):** It is my university project developed by C++ , NodeMCU, GPS module, Firebase, Dropbox and can capture images / videos and location data sent to nearby locations as notification in apps.