

EDUCATION

Pal college of Technology and Management (Kumaun University) Bachelor of Computer Application; Uttarakhand , India | June 2023 - July 2026 (Current)

SKILLS SUMMARY

- **Languages:** Python, SQL, Bash , Yaml
- **Cloud Technologies:** AWS EC2, S3, Lambda, IAM, CloudWatch
- **DevSecOps & CI/CD:** GitHub Actions, Docker, Kubernetes, Git
- **Platforms:** Linux (Kali, Ubuntu), Jupyter, Visual Studio Code
- **Security Tools:** Bandit, Gitleaks, Trivy, Kubeaudit, CodeQL etc.
- **Linux Tools:** Wireshark, Burpsuite , Splunk, Metasploit etc.
- **Soft Skills:** Problem-solving, Debugging, Documentation, Fast Learner, Good communication

WORK EXPERIENCE

Employability.life : RP Automation (Learner)

PROJECTS

SecureFlow: AI-Powered Github Pipeline
Personal Project | 2025

- Built a full DevSecOps tool integrating security scans into GitHub Actions.
- Added SAST (CodeQL), secret scanning (Gitleaks), Docker/K8s analysis (Trivy, Kubeaudit).
- Integrated OpenAI GPT to explain code flaws with auto-commenting.
- Output: GitHub Action + CLI tool.
- Link:

MCloud.clt: A CLI tool for fast Deploy, Access, Edit and View services in your CCloud (AWS and Azure)
python(Boto3 + Azure sdk) | Personal Project | 2025

Deploy Cloud Services Easily

- Launch EC2 instances with OS, key pair, instance type, subnet & security group selection
- Create and configure **VPCs, Subnets, Security Groups, S3 buckets**, and **RDS** instances
- Deploy AWS Lambda functions with minimal setup

Access, Edit, or View Your Cloud Setup

- List your **EC2, S3, VPC, Subnets, Security Groups, DynamoDB, and RDS** resources
- Choose regions dynamically (by index or all at once)
- Yes/No or index-based CLI prompts for quick selection and management

Security and DevOps Ready

- Supports default-deny security group creation with custom inbound/outbound rules
- Minimal IAM access usage (unless needed)

- Future plans: secret scanning, resource usage alerts, CLI hardening
 - Clean, CLI-based workflows — no need to touch the console
 - Link: [🌐 GitHub - Mojo824/MCloud.clt: For Fast Access ,Deployment, Edit, View, Check into your Fav. Cl...](#)
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Password Strength Analyzer with Wordlist Generator

Python + zxcvbn / 2025

- Analyzed password entropy with zxcvbn/custom logic.
 - Generated smart wordlists using NLTK, leetspeak, dates, user inputs.
 - Exported .txt files for use in cracking or audit tools.
 - Link : <https://github.com/Mojo824/PasswordChecker>
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Keylogger with Secure Transmission (PoC)

Flask + Python + Fernet Encryption

- Created a PoC keylogger that encrypts keystroke logs and securely sends them to a Flask server.
 - Demonstrated use of symmetric encryption (Fernet) and basic HTTP POST handling.
 - Link: [🌐 GitHub - Mojo824/Keylogger](#)
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