

MOHIT JOSHI

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EDUCATION

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

SKILLS SUMMARY

- **Testing & QA:** Manual Testing, Test Case Design, Bug Tracking, API Testing (Postman), Selenium Basics
- **Programming & Scripting:** Python, SQL, Bash, YAML
- **Cloud & Infrastructure:** AWS (EC2, S3, Lambda, IAM, CloudWatch)
- **Automation & DevOps:** GitHub Actions, Docker, Kubernetes, Git
- **Operating Systems & Platforms:** Linux (Debian), Windows
- **Security & DevSecOps Tools:** Bandit, Gitleaks, Trivy, Kubeaudit, CodeQL
- **Linux / Network Tools:** Wireshark, Burp Suite, Splunk, Metasploit
- **Soft Skills:** Debugging, Documentation, Fast Learner, Communication

WORK EXPERIENCE

Employability.life : RP Automation (Learner)

- Gained hands-on experience in Robotic Process Automation (RPA) tools and workflow automation.
- Learned to design bots that automate repetitive tasks using tools such as UiPath studio.
- Understood real-life business use cases of RPA in various industries.

PROJECTS

SPINE: Esports Slot Booking & Match Management System

- Designed and coordinated the architecture of a gaming platform connecting users, competitions, and service integrations.
 - Collaborated with a JavaScript backend developer to define backend workflows, API structures, and system behavior.
 - Managed integration of external services including payment systems, Android Frontend and advertising modules.
 - Debugged system interactions and monitored platform behavior during development phases.
 - Project provided hands-on experience with real-world system architecture and integrations.
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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.
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MCloud.clt: A CLI tool for fast Deploy, Access, Edit and View services in your Cloud (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
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CERTIFICATIONS

Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)

Microsoft / 2025

- Validated knowledge of Microsoft security, compliance, and identity solutions.
 - Covered core principles of Zero Trust, threat protection, and information governance.
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Languages: English, Hindi