

# Adarsh Kumar Jain

📍 Nagpur    ✉ adarsh.jain428@gmail.com    ☎ 9179991046    in Adarsh-Jain  
🔗 AdarshJain-dev

## Introduction

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DevOps Automation Engineer with expertise in building scalable automation solutions and cloud deployments. Skilled in Python, PowerShell, PHP, and MySQL, with a strong command of front-end technologies like HTML, CSS, JavaScript, and React.js. Proficient in tools like Ansible, Bash, Git, and GitHub, and experienced with cloud platforms Azure and AWS. Passionate about streamlining workflows, enhancing system performance, and driving innovation through automation.

## Skills

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- Languages: Python, PowerShell, PHP, MySQL, HTML/CSS, JavaScript, Bash, YAML
- Automation Tools: Selenium, Ansible, Jenkins, Docker, Terraform, Shell Scripting
- Databases: SQL Server, MySQL
- Tools & Platforms: Git, GitHub, Azure, AWS, VS Code, CI/CD Pipelines

## Education

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**Amity University**  
*Bachelor of Computer Applications*

*July 2022 – June 2025*

## Experience

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**DevOps Automation Engineer**  
*HCLTECH – Senior Analyst*

*Nagpur, Maharashtra*  
*Oct 2022 – Present*

- Design and implement robust Python and PowerShell scripts to automate repetitive IT and business processes, enhancing efficiency and reducing manual effort.
- Leverage libraries like Selenium, Requests, and BeautifulSoup for web scraping, GUI automation, and seamless API interactions.
- Build and maintain scalable automation frameworks for testing, deployment pipelines, and infrastructure management.
- Develop custom monitoring solutions to track system performance, detect failures, and generate detailed analytical reports.
- Collaborate with cross-functional teams to identify automation opportunities, streamline workflows, and ensure smooth CI/CD pipeline execution.
- Integrate automation tools like Ansible, Jenkins, and Docker to deploy and manage cloud infrastructure on Azure and AWS.
- Maintain and enhance Python, Bash, and YAML scripts, ensuring compatibility with evolving system and business requirements.

**Associate Engineer(Techbee Program)**  
*HCLTech – Trainee & Intern*

*Nagpur, Maharashtra*  
*Oct 2021 – Oct 2022*

- Completed an intensive 6-month training program focused on IT fundamentals, software development, and automation technologies.
- Gained hands-on experience in front-end web development using HTML, CSS, and JavaScript, building responsive and interactive user interfaces.
- Developed automation scripts in Python to streamline business processes and enhance operational efficiency.
- Worked with Microsoft SQL Server (MSSQL) for database management, including designing schemas, writing queries, and ensuring data integrity.
- Applied acquired skills during a 6-month internship, contributing to real-time projects by implementing

automation solutions and collaborating with cross-functional teams.

- Strengthened problem-solving and project execution abilities through practical exposure to end-to-end development and deployment processes.

## Projects

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### Meraki Dashboard Automation

- Developed end-to-end automation for monitoring and managing Meraki network access points using PowerShell and Ansible.
- Integrated the Meraki Dashboard API to fetch device status, check online/offline status, and automate reboot processes.
- Automated workflows and created custom reports to improve processes.
- Developed automation scripts to streamline repetitive tasks and improve efficiency. CSV export for detailed status reporting and automated email notifications for proactive issue resolution.
- Reduced manual intervention by 80% and minimized network downtime through streamlined monitoring and reboot automation.

### Azure AD and Stale Accounts Cleanup Automation

- Designed and deployed an automated solution to identify and clean up stale and guest accounts in Azure AD and EntraID.
- Developed PowerShell scripts to fetch inactive user accounts, disable them, and remove unnecessary accounts from the directory.
- Created detailed status reports in CSV format and automated email notifications to stakeholders on cleanup actions.
- Improved directory hygiene and security by reducing stale accounts by 95% and ensuring compliance with company policies.

### AWS Cloud Infrastructure Automation

- Automated cloud infrastructure provisioning and configuration on AWS using Terraform and Ansible. .
- Deployed and managed EC2 instances, S3 storage, and security groups through Infrastructure as Code (IaC) principles. .
- Integrated CI/CD pipelines with Jenkins for automated deployment, ensuring faster and more reliable releases.

## Certification

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- AWS Certified Cloud Practitioner, AWS
- Google Certified: Associate Cloud Engineer
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Database Engineer (DP-300)