

RAVI KUMAR MISHRA

Software Engineer

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Bangalore, India



SUMMARY

Results-driven Automation Engineer with expertise in Python scripting, cloud administration (Azure), and database management (Oracle). Proven ability to streamline operations by automating complex workflows, reducing manual effort by 40%+. Passionate about leveraging AI/ML to enhance automation and optimise system performance.

EDUCATION

Medicaps University, Indore

BTech- Information Technology
2018-2022

SKILLS

- Excellent organizational and time-management abilities, ensuring efficient task prioritization and meeting deadlines.
- Strong communication and interpersonal skills, with the ability to collaborate effectively across teams and with stakeholders.
- Proven ability to work both independently and in team environments, demonstrating adaptability and leadership where necessary.
- Detail-oriented problem-solving skills, consistently delivering high-quality results while managing complex tasks.
- High level of accountability and self-motivation, able to manage multiple projects simultaneously with minimal supervision.

Technical

- Programming Languages: Python, Shell Scripting, Java
- Cloud Automation: Azure (VMs, Storage, Networking), AWS
- Monitoring & Management: ServiceNow, Splunk, Log Analytics
- Version Control: GitHub, Git
- Automation: Ansible, Python, Bash
- Database: Oracle, Sql

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900).
- Microsoft Certified: Azure Administrator Associate (AZ-104).
- Python Scripting Certification.

PROFESSIONAL EXPERIENCE

Capgemini | Software Engineer

Bangalore, India | July 2022 - Present

Designed and deployed 20+ Python automation bots, reducing manual effort by 40% and improving efficiency across business operations.

- **Automated** daily tasks for data processing, reporting, and system monitoring using **Python**, enhancing operational efficiency.
- Collaborated with cross-functional teams to analyze automation requirements and **design solutions** that aligned with business objectives.
- Created and maintained reusable Python scripts with standardized folder structures, ensuring modularity and ease of maintenance.
- **Integrated automation** solutions with third-party tools and APIs, improving data flow between systems.
- **Tested and debugged** scripts in different environments, performing encryption and ensuring secure data handling.
- Improved system monitoring using Python and Shell scripting, leading to **20% faster incident detection**.
- Migrated **automation bots** to UAT for testing and final deployment, coordinating with teams to ensure smooth transitions.
- Monitored and optimised bot performance post-deployment, proactively addressing any issues or enhancements.
- Led Python automation training sessions for 50+ team members, increasing team proficiency in scripting and workflow automation by 60%.
- Designed and deployed **Generative AI models** to enhance automation capabilities, including integration with existing bots for advanced problem-solving.
- Gained hands-on experience in Generative AI frameworks, contributing to innovative approaches for streamlining processes.

AWARDS & ACHIEVEMENTS

- **Best Helping Hand Award** – Recognized for outstanding contribution and collaboration.
- **Event Leader** – Capgemini Convocation 2024" – Successfully managed and led corporate events.
- **Social Influencer of the Month** – Recognized for engaging content and impact in the food blogging community.

PROJECT LINK AI/ML

- [GitHub](#)
- [Hugging Face Models Portfolio](#)