ROSHAN SAHU

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SUMMARY

Motivated and detail-oriented M.Tech student in Software Engineering with a solid foundation in object-oriented programming, microservices architecture, and Agile methodologies. Passionate about building scalable and reliable systems using modern Cloud and DevOps technologies. Eager to begin a professional journey as a Cloud Engineer, DevOps Engineer, or Software Developer to apply technical knowledge, contribute to innovative projects, and continuously grow as a software professional.

EDUCATION

Maulana Azad National Institute of Technology, Bhopal 2025 - 2027
M.Tech in Agile Software Engineering

Rungta College of Engineering & Technology, Bhilai 2019 - 2023
B.Tech in Computer Science and Engineering

SKILLS

Programming Languages	Python, C++, C, HTML, CSS, JavaScript
Framework	Django
Database	MySQL
Tools	Git, GitHub, Terraform, Ansible, Packer, Docker
Cloud	AWS (EC2, S3, Lambda)
Methodologies	Agile

SUBJECTIVE KNOWLEDGE

- DBMS, Operating System, Data Structures, Algorithms.

PROJECTS

E-Waste Management System
- Developed a platform for efficient tracking and management of electronic waste recycling processes.
- Technologies: Python, MySQL, Tkinter.

ToDo Application Development
- Developed a full-stack ToDo application leveraging a RESTful API architecture.
- Technologies: Django, SQLite3, HTML, CSS, JavaScript.

Created and Managed AWS EC2 Infrastructure
- Deployed a ToDo application on an AWS EC2 instance and implemented a fully automated CI/CD pipeline.
- Tools: Terraform, Ansible, Docker, GitHub Actions.

KEY ACHIEVEMENTS

- GATE CS 2025 Qualified.