RUCHIN AUDICHYA

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SUMMARY

Results-driven B.Tech CSE (AWS Cloud Computing) student passionate about backend development and automation. Skilled in Java, Spring Boot, Python, and AWS, with hands-on experience building scalable APIs, data pipelines, and testing frameworks. Certified AWS Cloud Practitioner (2025) and Smart India Hackathon Top 50 Finalist (2024). Eager to contribute to financial systems, reconciliation tools, and backend QA frameworks leveraging modern DevOps and cloud practices.

EXPERIENCE

Campus Ambassador
JECRC University   Apr 2025 – Jul 2025
· Designed and deployed a Google Sheets automation system for data tracking and reporting.
· Trained a team of 10+ ambassadors on analytics-driven operations; recognized for measurable engagement improvement.

Content Head & Technical Lead
AWS Cloud Club JECRC   Sep 2023 – Present
· Automated AWS EC2/S3/IAM lab setup using Python and Boto3, improving efficiency by 40%.
· Created cloud deployment and analytics guides adopted by 100+ students.
· Led a 5-member technical team managing workshops and Git-based collaboration.

Outreach Lead
AICTE Gen-G Internship (OPPO + 1M1B)   May 2024 – Dec 2024
· Organized AI and cloud literacy programs across 20+ institutions, reaching 5,000+ students.
· Built Python-based dashboards for data visualization; featured in the AICTE National Report.

PROJECT

Backend Automation Utility (Flask + REST APIs)
· Built a Flask-based backend automation system for dynamic email generation and analytics logging.
· Implemented structured logging, error handling, and monitoring tools—reducing manual tasks by 70%.
· Designed a JSON-to-CSV data ingestion pipeline, reducing data conversion latency by 60%.

Smart India Hackathon – Gamified Water Conservation Portal
· Developed Flask + React portal integrating NLP-based discussions and AI ranking for community challenges.
· Optimized backend using Redis caching and WebSockets, achieving 30% faster performance.
· Presented solution to the Government of India panel; recognized for scalable system design.

Salesforce Student Management App
· Configured AI-driven dashboards and automated reporting using Flow Builder, SOQL, and Python.
· Reduced manual attendance tracking time by 50% with data pipeline automation.

Valorant Bootcamp Cloud Infra (JioGames-JECRC)
· Deployed containerized environments using Docker and Terraform on AWS, cutting setup time by 85%.
· Documented infrastructure as code (IaC) for reproducibility and training reuse.

JECRC Grievance Support Portal (Prototype)
· Built React + Supabase platform for grievance management with AI-based sentiment tagging.
· Integrated Python backend and analytics dashboard improving issue response insights by 35%.

EDUCATION

B.Tech in Computer Science (AWS Cloud Computing Specialization)
JECRC University · Aug 2023 – Jul 2027 · 8.2 / 10 (Top 25%)

CERTIFICATIONS

AWS Certified Cloud Practitioner (2025) – Score: 837/1000

Google Cloud Computing Foundations

Salesforce Trailhead Admin Beginner (50+ badges)

Smart India Hackathon 2024 – Top 50 National Finalist

AWS Academy: Cloud Foundations, Security, Architecting

SKILLS

Java, Spring Boot, Cucumber, Gherkin, JUnit, JavaScript, SQL, TypeScript

Python, Flask

AWS (EC2, S3, Lambda, IAM, VPC), Docker, Terraform, Kubernetes, GitHub Actions

Pandas, NumPy, REST APIs, JSON/CSV Pipelines, Data Analytics, CI/CD, QA Tools

TensorFlow, PyTorch, Scikit-learn, LangChain, Prompt Engineering

Analytical Thinking, Collaboration, Technical Documentation, Cross-functional Coordination