

# SAGAR SONI

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## OBJECTIVE

Driven professional with expertise in telecom technologies, automation, and cloud solutions, along with experience in debugging, e-banking development, and cloud deployments. Works part-time on my website [Zeline Projects](#), mentoring 500+ students and developing 90+ projects to foster practical learning and technical excellence.

## WORK EXPERIENCE

### Oracle

- *Member of Technical Staff* *Feb 2025 – Present*
  - Implemented observability best practices by integrating **telemetry data** (logs, metrics, traces) across cloud-native and on-prem environments for seamless IT operations.
  - Developed automated monitoring and alerting mechanisms using Prometheus, Grafana, and OCI Logging/Monitoring, reducing incident detection time and enabling proactive resolution.
- *Associate Consultant* *July 2023 – Feb 2024*
  - Contributed to the 4G-vPCRF, 5G-NRF and 5G-PCF projects mastering telecom technologies, automation, virtualization, clouds and Devops and developed features and automation scripts.
  - **Individually took the self-initiative and developed the “OTP Simulator Tool” for 4G-vPCRF in JavaFX, that reduced the team efforts by 90% to generate Operational Test Plan. The work that requires 2 days can be accomplished within 20 seconds. [\[More Details...\]](#)**
  - Automated the installation and configurations of 4G-vPCRF ATS (Automated Test Suite), Using shell scripting and removed all the manual efforts.
  - Developed **Grafana, Prometheus** Dashboards added Monitoring tools for analyzing real time traffic for Network Functions (4G/5G).
  - Contributed to migrate the traffic to **Openstack** and Bare Metal **KVM** Hypervisor for 4G-vPCRF.
  - Automated entire 4G-vPCRF Installation and Configurations for core 4G using **Expect, Bash Script** and **TMUX**.
- *Project Intern* *Jan 2023 – June 2023*
  - As a project intern, I prepared OCI labs using Kubernetes, created Helm charts, built Jenkins pipelines, and developed Grafana dashboards for real-time monitoring of 5G NF traffic.
  - Successfully automated the DB configurations for 5G-NRF, developed new containers and updated helm charts to support Manual DB configurations in Kubernetes.
  - Developed CNE (Cloud Native Environments) for Network Functions (4G/5G).

### Loves Cloud

- *Debug Technician* *Aug 2022 – Nov 2022*
  - As a Debug Technician, I contributed to the Office Board project by debugging Python code, fixing bugs, and resolving API issues for two major clients from South Africa.
  - Prepared API for streaming User Onboarding Trends and Security Trends.

### IBM

- *SDE Intern* *May 2022 – July 2022*
  - As an SDE Intern at IBM, I contributed to enhancing “e-banking applications” aimed at rural communities. I have worked on Java EE, Servlets, frontend technologies, and deploying solutions in the AWS cloud.
  - Developed docker image that supports automated deployment all type of .war java applications.

## SKILLS

Software: Docker | Kubernetes | AWS | AZURE | OCI | Maven | Jenkins | Ansible | Grafana | KVM

Technologies: Devops | Telecom | 4G | 5G | Virtualisation | Java EE | Flask | Java FX | Multi-cloud | Networking | Lambda Testing

Languages: Java | Python | HTML | CSS | JavaScript | Bash Scripting | SQL | YAML | XML

## EDUCATION

- College: UPES, Dehradun *May 2019 - May 2023*
- Course: **Btech. In Computer Science** with specialization in **Cloud Computing** and Virtualization Technologies
- CGPA: 7.82

## ACHIEVEMENTS / AWARDS

- **Trained 500+ students** in project creation and delivered free courses on JavaFX, Kubernetes, Flask, under [Zeline Project Services](#).
- **GDC Performance Award FY24 Q4: Most Valuable Player**
  - Issuing Company: **Oracle**
  - Awarded "Most Valuable Player for FY24, Quarter 4" **for reducing team manual effort by 90%** by developing the OTP Simulator software.
- **Silver Medalist: IBM ICE Day**
  - Issuing Company: **IBM**
  - Honored Silver Medalist by IBM for developing secure and easy mechanism for access e-banking, targeting rural people.
- **Published Blog for AWS EC2**
  - This blog offers a comprehensive and user-friendly guide for compute instances available through AWS, detailing their specifications and use cases. For an in-depth exploration, please visit [this link](#).

## CERTIFICATIONS

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- Oracle Certified Professional: **Java SE 11 Developer**. ([IZO-819](#))
- Oracle Cloud Infrastructure 2024 Certified **Devops Professional**. ([IZO-1109-24](#))
- Oracle Cloud Infrastructure 2023 **Multicloud Architect Certified Associate**. ([IZO-1115-23](#))
- Oracle Cloud Infrastructure 2023 **AI Certified foundation Associate**. ([IZO-1122-23](#))
- Oracle Cloud Infrastructure 2023 Certified **Data Management** Foundations Associate. ([IZO-1105-23](#))
- Oracle Cloud Infrastructure 2023 Certified Foundation Associate. ([IZO-1085-23](#))
- Certified Full Stack Web Developer: Sun Soft Technologies.
- Building Serverless Applications (AWS). ([Coursera](#))
- Enterprise Design Thinking Practitioner: **IBM**. ([Credly](#))
- Essentials Google Cloud Infrastructure Foundation. ([Coursera](#))

## PROJECTS

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- **Ant Colony Optimisation Algorithm for Recommendation of Micro Learning Units:** This project will recommend courses based on ant colony optimisation algorithm. Students can interact with GUI for learning the courses, Students need to pass the assessments and next assessments and courses will be recommended based on algorithm.  
*Tech Used:* JavaFX, Java, Nature Inspired Algorithm, AWS, HTML, CSS, JS, GCP  
*Github Link:* <https://github.com/sagarsoni1234/Ant-Colony-Optimization-Algorithm-For-Recomendation-Of-Micro-Learning-Path>
- **Blockchain-Integrated Supply Chain Optimization with Demand Forecasting and EQQ Simulation:** A blockchain-based system optimizing supply chains with demand forecasting and EOQ simulation for better efficiency and security. This is a web application where it predicts the demand forecast for supply chain running on blockchain.  
*Tech Used:* Flask, Python, AWS, Blockchain, HTML, CSS, MySQL  
*Github Link:* <https://github.com/sagarsoni1234/SupplyChainEQQ>
- **Docker Automation Portal:** A portal that automates Docker container management using Flask, deployed on AWS for efficient cloud-based orchestration. This project can be deployed on any VM.  
*Tech Used:* Docker, **Rancher Desktop**, **Flak**, Python, MySQL  
*Github Link:* <https://github.com/sagarsoni1234/DockerAutomationPortal>
- **Indian Government Schemes:** An app that lists Indian government schemes tailored to users based on age, region, caste, gender, location, and occupation, offering easy access to relevant benefits and programs.  
*Tech Used:* JavaEE, Servlet, JSP, HTML, CSS, MySQL  
*Github Link:* <https://github.com/sagarsoni1234/Indian-Gov-Schemes>