SOHAIL SHAIK

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Summary

Innovative IT professional with expertise in DevOps, Cloud Computing, and Web Development, dedicated to advancing technology through efficient programming and scalable infrastructure solutions.

TECHNICAL SKILLS

- **Languages:** C, Java, Python, SQL.
- **Web Development:** HTML, CSS, JavaScript, REST API**.**
- **Databases:** MongoDB, MySQL**.**
- **DevOps:** CI/CD Pipelines, Jenkins, Ansible, Terraform, Docker, Kubernetes**.**
- **Cloud:** AWS (EC2, IAM, S3, Lambda, VPC, Route 53).
- **Version Control:** Git, GitHub Actions.
- **Tools:** VS Code, Cursor, Postman, MS Office.

EDUCATION

Kallam Haranadhareddy Institute of Technology | Guntur, India.
Bachelor of Technology – Information Technology | **CGPA:** 8.06 | 2020 – 2024

PROJECTS

DevOps File Generator *(2025) | [HTML, CSS, JavaScript]*

- Developed an interactive web tool for generating infrastructure configuration files
- Technologies: HTML, CSS, JavaScript
- **Achievements:**

  - Increased deployment efficiency by 40%
  - Created a dynamic form-based interface for script generation
- Project Link

SHL: A Secure Homomorphic Lightweight Cryptography Algorithm *(2024)*
- Designed cryptographic solution using homomorphic encryption for resource-constrained devices
- **Key Features:**

  - Converted sensitive messages to unreadable ciphertext
  - Implemented CI/CD with Jenkins, Docker, Terraform, and Kubernetes
- Project Link

CERTIFICATIONS & TRAINING

- DevOps Certificate, Udemy (2025)
- MongoDB Certificate, GeeksforGeeks (2024)
- AWS Cloud Practitioner Essentials, AWS Skillbuild (2024)

EXTRACURRICULAR

Information Technology Future Technocrats (ITFT) | Cofounder & Event Coordinator (2023)

- Organized 10+ tech events, impacting 100+ students.
- Led a campaign on Awareness of Cybersecurity attacks.