

SOHAIL SHAIK

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CAREER OBJECTIVE

Aspiring tech professional skilled in programming, Java, DevOps, cloud, and cybersecurity, eager to drive innovation and contribute to impactful projects.

EDUCATION

Kallam Haranadhareddy Institute of Technology

Guntur, India.

Bachelor of Technology – Information Technology || **CGPA: 8.06**

2020 – 2024

SKILLS

- **Languages** : C Programming, Java Programming, Python Programming.
- **Database** : MongoDB.
- **Frontend** : HTML, CSS, JavaScript.
- **Framework** : Nodejs.
- **DevOps** : Bash Scripting, Jenkins, Ansible, Terraform, Docker, Kubernetes.
- **Cloud** : AWS.
- **Version Control** : Git.
- **Other** : MS Office.

PROJECTS

SHL: A Secure Homomorphic Lightweight Cryptography Algorithm (2024)
// *Python* / *DevOps* // [Link](#)

- **Secure & Efficient:** Cryptographic solution for resource-constrained IoT devices using homomorphic encryption.
- **Unreadable message conversion:** Secures critical information through efficient encryption.
- **DevOps Integration:** CI/CD using Jenkins, Docker for containerization, Terraform for IaC, and deployment on Kubernetes to scale and handle faults.

URL Shortener Application // *NodeJs* / *EJS* / *MongoDB* / *DevOps* // [Link](#) (2024)

- **Efficient & Scalable:** Web app for URL shortening with encryption and personalized URLs.
- **DevOps Integration:** CI/CD pipelines, Docker deployments, Terraform-based IaC, and Kubernetes for scalability, with Ansible for configuration management.

CERTIFICATIONS

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| • DevOps (Udemy) Link | 2025 |
| • MongoDB (GeeksforGeeks) Link | 2024 |
| • AWS Cloud Practitioner Essentials (AWS Skillbuild) Link | 2024 |
| • Cybersecurity with IBM QRadar (SmartInternz) Link | 2024 |

EXTRACURRICULAR

- | | |
|--|----------------------------|
| • Information Technology Future Technocrats - ITFT | 2024 |
| Role: Cofounder & Event Coordinator | Duration: 11 Months |