

SREEKAKULAM GNANESWAR

CLOUD DEVELOPER

S.R.Nagar, Hyderabad | srigeswar@gmail.com | <https://sgeswar.github.io/profile>



Scan For My Portfolio

SUMMARY

Dynamic Associate Developer at Solibri, Inc, skilled in Go and Python, with a proven track record of enhancing 3D model processing and deploying cloud-native applications. Adept at collaborating in cross-functional teams, I excel in delivering scalable solutions in the AEC domain, ensuring high-quality results through innovative problem-solving.

TECHNICAL SKILLS

Python	Go Lang	React
Three Js	PostgreSQL	AWS
Terraform	Java	

PROFESSIONAL EXPERIENCE

Solibri, Inc | A Nemetschek Company

April 2023 - Present

Tech Stack: Go, Python, React, Three.js, AWS, PostgreSQL, and Java

- Developed and maintained microservices using Go for backend systems, including APIs, authentication, and project workflows.
- Leveraged Python's rich geometry libraries by integrating them with Go microservices to perform clash detection, spatial analysis, and IFC model validation, ensuring accurate 3D model processing at scale with 98% accuracy.
- Designed and implemented modern, responsive UIs using React and integrated Three.js for real-time 3D model visualization, enhancing user interaction time by 20% and supporting models up to 1,000,000+ Meshes(polygons) in the browser without performance loss.
- Deployed cloud-native applications and static content using AWS services (S3, Lambda, ECS, RDS and Cloud watch) ; used Terraform for basic infrastructure provisioning: Integrated OpenTelemetry to achieve 100% accuracy in identifying points of failure.
- Collaborated in cross-functional teams to deliver scalable, cloud-first solutions in the AEC (Architecture, Engineering, Construction) domain.

EDUCATION

Bachelor of Engineering (B.E)

2017 - 2022

Methodist College of Engineering and Technology

- Major in Electronics & Communication Engineering
- Thesis on "Digital Instrument Cluster for Battery vehicles".

Intermediate

2015 - 2017

Narayana Junior College MPC

PROJECTS

WareHouse Management System Tech stack: Python, FastAPI, React, React Native, AWS, postgresql and Arduino

- Full stack web and mobile application along with hardware devices to monitor a warehouse vitals like temperature humidity and other information where a warehouse owner can rent his inventories and viewers can monitor their inventories with real time vitals monitoring.

Dentistry Application

Tech stack: Python, FastAPI, React and postgresql

- Developed a dental management system where receptionists capture patient data and doctors select findings and treatments from preloaded options, automatically generating prescriptions and bills, improving workflow efficiency by 30%.

ADDITIONAL INFORMATION

Languages: English, Telugu, Hindi