Jyothi Swaruph Kolli

+917660968482 | jyothiswaruphkolli@gmail.com | linkedin.com/in/jyothiswaruphkolli | github.com/kjswaruph

EDUCATION

VIT Bhopal University — Bhopal, MP
BTech CSE Cloud Computing and Automation , 8.49 CGPA — *2022 – 2026*

Rajiv Gandhi University of Knowledge and Technology — Srikakulam, AP
12th, 8.34 CGPA — *2021 – 2022*

M.P. & E.V. English Medium School — Visakhapatnam, AP
10th, 95.2% — *2019 – 2020*

EXPERIENCE

Technical Trainee in Space Science & Technology — December 2024 – January 2025
Winter Internship Technical Program, India Space Lab — *Remote*

- Successfully completed a 1-month intensive training program in Space Science and Technology, gaining expertise in satellite systems, drone technology, and space entrepreneurship.
- Gained hands-on experience in designing and deploying advanced drone systems for aerospace applications.
- Designed and simulated CanSat & CubeSat satellite systems to collect atmospheric and telemetry data, improving data accuracy in space research.

PROJECTS

CmdZen | *Java, Spring Shell, PostgreSQL, Docker Compose* | **Github** — April 2025 – Present

- Developed a command-line interface (CLI) tool leveraging Java 21 and Spring Boot for robust, scalable application architecture.
- Integrated Spring Shell to provide interactive CLI commands, enhancing user experience and productivity.
- Implemented AI-powered features using Spring AI with Azure OpenAI model support for advanced natural language processing. Utilized pgvector and Spring AI vector store for efficient semantic search and vector database capabilities.
- Employed Docker Compose for streamlined local development and environment management. Incorporated Micrometer and Prometheus for real-time application monitoring and observability.

ShadowQBot | *Java, Gradle, AWS EC2, Docker* | **Github** — December 2024 – March 2025

- Developed a Discord bot automating esports tournament management for 100+ users, reducing manual coordination by 40%.
- Integrated HenrikDev Valorant API for real-time stats; visualized leaderboards using Graphviz.
- Used SQLite for managing database and Docker for containerization
- Implemented GitHub Actions for CI/CD to ease integration and deployment on AWS EC2

COURSES & CERTIFICATIONS

DevOps Fundamentals | *By* IBM CEP — Certificate
Learn Java Programming - Beginner to Master | *By* Abdul Bari, Udemy — Certificate
The Bits and Bytes of Computer Networking | *By* Coursera — Certificate
India Space Lab Winter Internship Program | *By* India Space Lab — Certificate

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C/C++
Frameworks: React, Spring, Spring Boot, Hibernate
Cloud/DevOps: AWS, Docker, Kubernetes, GitHub Actions, Jenkins
Build Tools: Maven, Gradle