

# Jyothi Swaruph Kolli

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## EDUCATION

<b>VIT Bhopal University</b> <i>BTech CSE Cloud Computing and Automation , 8.49 CGPA</i>	Bhopal, MP 2022 – 2026
<b>Rajiv Gandhi University of Knowledge and Technology</b> <i>12th, 8.34 CGPA</i>	Srikakulam, AP 2021 – 2022
<b>M.P. &amp; E.V. English Medium School</b> <i>10th, 95.2%</i>	Visakhapatnam, AP 2019 – 2020

## EXPERIENCE

<b>Technical Trainee in Space Science &amp; Technology</b> <i>Winter Internship Technical Program, India Space Lab</i>	December 2024 – January 2025 <i>Remote</i>
<ul style="list-style-type: none"><li>Successfully completed a 1-month intensive training program in Space Science and Technology, gaining expertise in satellite systems, drone technology, and space entrepreneurship.</li><li>Gained hands-on experience in designing and deploying advanced drone systems for aerospace applications.</li><li>Designed and simulated CanSat &amp; CubeSat satellite systems to collect atmospheric and telemetry data, improving data accuracy in space research.</li></ul>	

## PROJECTS

<b>CmdZen</b>   <i>Java, Spring Shell, PostgreSQL, Docker Compose</i>   <a href="#"><u>Github</u></a>	April 2025 – Present
<ul style="list-style-type: none"><li>Developed a command-line interface (CLI) tool leveraging Java 21 and Spring Boot with over 15+ commands for linux system administration and package management.</li><li>Integrated Spring Shell to provide interactive CLI commands, enhancing user experience, productivity and increased user efficiency by 30%</li><li>Integrated AI features using Azure OpenAI models via Spring AI, enabling 90% accurate natural language command interpretation. Implemented semantic search using pgvector with 50+ vector entries stored and queried with &lt;500ms latency.</li><li>Leveraged Docker Compose for 100% reproducible local development environments. Set up monitoring using Micrometer + Prometheus with real-time metrics on 10+ app performance KPIs.</li></ul>	
<b>ShadowQBot</b>   <i>Java, Gradle, AWS EC2, Docker</i>   <a href="#"><u>Github</u></a>	December 2024 – March 2025
<ul style="list-style-type: none"><li>Created a Discord bot automating esports tournament management for 100+ users across 20+ custom game lobbies, reducing manual effort by 40%.</li><li>Fetched and displayed real-time player stats via HenrikDev Valorant API; visualized leaderboards in Graphviz with over 50 match records.</li><li>Utilized SQLite for managing 10+ tournament records. Containerized application via Docker for consistent deployment.</li><li>Automated deployment pipeline using GitHub Actions with 95% CI success rate. Deployed bot on AWS EC2 with &lt;1 min downtime during updates.</li></ul>	

## COURSES & CERTIFICATIONS

<b>DevOps Fundamentals</b>   <i>By IBM CEP</i>	Certificate
<b>Learn Java Programming - Beginner to Master</b>   <i>By Abdul Bari, Udemy</i>	Certificate
<b>The Bits and Bytes of Computer Networking</b>   <i>By Coursera</i>	Certificate
<b>India Space Lab Winter Internship Program</b>   <i>By India Space Lab</i>	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