Jyothi Swaruph Kolli

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EDUCATION

VIT Bhopal University   Bhopal, MP
BTech CSE Cloud Computing and Automation , 8.47 CGPA   *2022 - 2026*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, MySql
Frameworks: React, Spring, Spring Boot
Cloud/DevOps: AWS, Docker, Kubernetes, Git, GitHub, Jenkins, Terraform
Other Tools: Maven, Gradle

PROJECTS

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

- Developed a command-line interface (CLI) tool leveraging Java 21 and Spring Boot with over 15+ commands for linux system adminstration and package management.
- Integrated Spring Shell to provide interactive CLI commands, enhancing user experience, productivity and increased user efficiency by 30%
- 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 <500ms latency.
- Leveraged Docker Compose for 100% reproducible local development environments. Set up monitoring using Micrometer + Prometheus with real-time metrics on 10+ app performance KPIs.

Chat Grid | *React, Java, Spring Boot, REST API* | **Github**   [June 2025 - Present

- Developed a full-stack, multi-model AI chat application enabling users to interact with multiple LLMs (GPT-4, Claude, Gemini, Llama, DeepSeek) simultaneously, with real-time, side-by-side responses.
- Engineered a modern, responsive frontend using React (TypeScript) and Tailwind CSS, supporting light/dark mode, chat history, and model selection.
- Built a robust Java Spring Boot backend exposing REST APIs for chat, conversation management, and multi-model orchestration.
- Implemented error handling, loading indicators, and copy-to-clipboard features for enhanced user experience.
- Designed for extensibility, allowing easy addition/removal of AI models and seamless local development with Vite and Spring Boot.

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

- Created a Discord bot automating esports tournament management for 100+ users across 20+ custom game lobbies, reducing manual effort by 40%.
- Fetched and displayed real-time player stats via HenrikDev Valorant API; visualized leaderboards in Graphviz with over 50 match records.
- Utilized SQLite for managing 10+ tournament records. Containerized application via Docker for consistent deployment.
- Automated deployment pipeline using GitHub Actions with 95% CI success rate. Deployed bot on AWS EC2 with <1 min downtime during updates.

COURSES & CERTIFICATIONS

DevOps Fundamentals | *By* **IBM CEP**   Certificate
Devops, Agile & Design Thinking | *By* **IBM CEP**   Certificate
Agile Methodologies | *By* **IBM CEP**   Certificate
The Bits and Bytes of Computer Networking | *By* **Coursera**   Certificate