






# Vyshnavi Katikala

## Senior Software Engineer

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## Skills

- **Cloud Platforms:** IBM Cloud, Microsoft Azure, AWS
- **Container Orchestration:** Red Hat OpenShift Container Platform, Kubernetes
- **Container Runtime:** Docker
- **Automation Tools:** Red Hat Ansible, Terraform
- **CI/CD Framework:** Tekton, Jenkins
- **Web Technologies:** Flask, Spring Boot, Node JS, React JS
- **Automation Tools:** Red Hat Ansible, Terraform, Jenkins
- **Databases:** MySQL, SQLite, Mongo DB, PostgreSQL, Db2
- **Middleware:** REST Services, Kafka
- **Operating System:** Linux, MacOS, Windows
- **Scripting Languages:** Shell Scripting
- **ARM/APM:** Turbonomics, Instana

## Education

### B.E. COMPUTER SCIENCE

St. Joseph's College Of Engineering, Chennai  
Aug 2017 – July 2021

## Certifications

- ✓ AWS Certified Solutions Architect - Associate
- ✓ IBM Certified Technical Advocate
- ✓ IBM Certified Professional Architect
- ✓ Turbonomic Associate 8 - Intermediate

## Professional Experience

### ERNST AND YOUNG GDS LLP, CHENNAI

#### Senior Software Engineer

Jan 2023 - Present

- Sustainability – Worked as application architect in deploying solution that involves capturing data from various Asset Management tools through REST API and calculates and reports greenhouse gas emissions.
- Worked as a Devops Engineer to streamline the entire deployment process using CI/CD Tekton pipeline

#### Software Engineer

Aug 2021 – Dec 2022

- Worked in building effective Cloud Solutions on Red Hat OpenShift Container Platform
- Streamlined multiple shell scripts through Ansible Automation Platform and Terraform for enhanced automation
- Engaged in the exploration and implementation of diverse IBM solutions

#### Intern

Feb 2021 – June 2021

- FoodSwipe (food delivery web application) – Worked as Full Stack Engineer in building applications leveraging microservice architecture for enhanced scalability, modularity, and seamless communication between independent services using Kafka
- The system was built employing Spring Boot for backend operations and ReactJS for frontend interfaces

### TACTII & TACTLABS (RESEARCH UNIT), TORONTO

#### Remote Intern

July 2020 – Oct 2020

- Online Movie Database – Worked as Full Stack Engineer in developing REST API endpoints using Flask web framework and Jinja2
- Skilled at seamlessly incorporating diverse databases
- Explored various technologies like Kubernetes, Docker, AWS