

Jens Joy

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Summary

Energetic and passionate engineering graduate in Computer Science and Information Technology. Aiming to use my knowledge that I have acquired from my internship as well as self-study and with my hard work to accomplish all the goals at your organization and also willing to learn more.

Education

REVA University Bachelor of Technology, Computer Science and Information Technology	2019-2023 G.P.A 3.9/4.0
Sri Chaitanya Educational Institutions High School (XI-XII)	2017-2019 G.P.A 3.68/4.0

Technical Skills

• Kubernetes	• Docker	• Prometheus	• Grafana
• Hashicorp Vault	• Apache Kafka	• PostgreSQL	• MongoDB
• ReactJS	• HTML	• CSS/SCSS	• JavaScript
• Java	• Android	• MySQL	• Unix Scripting

Experience

SDE Intern, Philips India Ltd Jan 2023 - Present

- Scraping SpringBoot application metrics to Grafana

Added a Prometheus dependency on the microservice SpringBoot application that is present in Cloudfoundry, shipped custom timed metrics to Prometheus and visualized the same in Grafana which helped the DevOps team to monitor the microservice application.

- Logging Kafka topics to Grafana

Pulled logs of microservice applications using Promtail agent and pushed it to Loki, which is visualized in Grafana. Created Kafka topic in Kubernetes cluster, added a dependency in Promtail and visualized the same in Grafana.

- Injected Secrets into Kubernetes pod

Injected secrets using Kubeseal and secret controllers. I also used an alternate method to seal the secret that is Hashicorp vault to avoid the secrets being stored in Git repo.

Projects

WORD WEB - A Dictionary & Translator App: August 2022

Created a website to have a quick look at a word's meaning and its subsequent information. Users can also look at how the word is pronounced, its part of speech, synonyms, examples and also can be translated to over 30+ languages.

Key Skills: **ReactJS** | **HTML** | **CSS** | **JavaScript** | **Material UI** | **Netlify**

[Demo link](#) | [Github link](#)

Food Truck - A Food Delivery App:

July 2021

An online food ordering system that allows your business to accept and manage orders placed online for delivery or takeaway.

Key Skills: **Android** | **XML** | **Java**

[Github link](#)

Certifications

• Microsoft Azure Fundamentals AZ-900

[Link](#)

• M001: MongoDB Basics

[Link](#)

Publications

November 2022

Comparative Analysis of Ensemble Learning Methods for Enhancing Fetal Health Prediction Using Cardiotocography | International Journal of Scientific Research in Computer Engineering and Information Technology | DOI: 10.32628/CSEIT228628 [Enhanced Article Link](#)

Adaptive approach to predict the fetal hypoxia and other abnormalities during childbirth using Light Gradient Boosting Machine which gave the highest accuracy during our research which is potentially life saving and aid doctors in a more accurate detection of fetal abnormalities, reduce human error rates and decrease infant mortality rate.