

Hari Prasad Kannan

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PERSONAL PROFILE

Inquisitive and passionate software engineer, currently working at WEX Inc with 2 years of experience working in enterprise software development. Passionate about contributing to open source software. Contribute to Cloud Native Computing Foundation (CNCF)

EXPERIENCE

WEX Inc

Software Engineer

March 2021 – Present

London, United Kingdom

- Worked on integrating multiple clients into a new EV platform creating a client-agnostic system. Engaged in end-to-end pipeline involvement, encompassing design, development, and final delivery stages
- Took responsibility for EMEA pilot delivery, including designing and developing various requirements in the aforementioned microservices stack, demonstrating improvements in delivery time of up to 20%.
- Assumed ownership of an in-house framework for running batch jobs based on Cron Scheduler. Reduced scheduling costs in the aforementioned EMEA delivery by completely replacing and improving the proprietary scheduler
- Streamlined the microservices stack by adding telemetry and service discovery solutions to the stack using Consul Connect, Prometheus, Grafana and Alert Manager to assist with a secure adoption of microservices architecture.

Secure Meters Ltd

Graduate Electrical Engineer

July 2020 – February 2021

New Delhi, India

- Research electricity and business-related policies in South-East Asia. Market research in various countries for smart-metering and AMR implementation opportunities. Handle the demands of different clients with the appropriate Meter technical specifications as per the International IEC Standards as required.

Secure Meters Ltd

Internship

January 2020 – June 2020

Udaipur, India

- Suggested multiple improvements in functional and protective equipment inventory and made workflow improvements in equipment logistics to improve electrical installation and erection efficiency by 27%.

TECHNICAL SKILLS

Languages: Java/J2EE, TypeScript, Python, HTML/CSS, SQL(Oracle SQL, PostgreSQL), Dart, Go

Frameworks: Spring Boot/Spring MVC, Spring Batch, Angular, JUnit, Mockito, MongoDB, Kafka, Flutter

Developer Tools: Git/Github, Docker, Kubernetes, Consul, Prometheus, Liquibase, UNIX/Linux, Maven

EDUCATION

Guru Gobind Singh Indraprastha University, New Delhi

BTech Power Engineering

Aug 2016 – Sep 2020

8.2/10

OPEN SOURCE CONTRIBUTIONS

containers/podman

Golang, Git, Docker, make

June 2023

<https://github.com/harikannan512/podman>

- Enhanced Podman's systemd generator, "quadlet", enabling the recursive parsing of user-defined systemd unit files. This empowers users to efficiently organize their unit files according to their specific requirements.

open-policy-agent/opa

Golang, Git, Docker

January 2023

<https://github.com/harikannan512/opa>

- Rectified a Windows-specific bug in the opa command-line tool, harmonizing its behavior with the consistent performance observed in UNIX binaries (Linux and MacOS)

buildpacks/pack

Golang, Git, Docker

December 2022

<https://github.com/harikannan512/pack>

- Added functionality to the "pack" command-line tool, enhancing it to display Extensions, particularly as part of Extension enhancement Phase-I