

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

- 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.
- 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. Continue to provide training and consultation for adoption across different business areas within the company, working with different teams from different organisations
- Worked on integrating multiple business partners into a new EV platform creating a client-agnostic system. Created an extensible Kafka interface for this EV platform and worked across different teams
- Designed and implemented custom OAuth2-based authentication workflow using Okta OIDC

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

PROJECTS

Open Source

Golang, Git, Docker

Dec 2022

- Contribute to Cloud Native Computing Foundation based OSS projects in Go like buildpacks/pack and open-policy-agent/opa

Reddit Clone App

Java, Spring Boot, Spring Data, PostgreSQL, Git

Nov 2020 – Jan 2021

- Created a Reddit clone using a RESTful backend and a single-page application front end in Java using Spring Boot, Hibernate ORM for persistence in the PostgreSQL database in the backend and TypeScript using Angular framework in the front end