

Hari Prasad Kannan

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SKILLS

- **Languages:** Java/J2EE, TypeScript, Python, HTML/CSS, JavaScript, SQL(Oracle SQL, PostgreSQL), Dart
- **Technologies:** Spring Boot/Spring MVC, Spring Batch, Angular, JUnit, Mockito, MongoDB, Kafka, Flutter
- **Tools:** Git/Github, Docker, Kubernetes, Consul, Prometheus, Liquibase, UNIX/Linux, Maven

WORK EXPERIENCE

WEX Inc

Software Engineer - Emerging Industries Technology

Mar. 2021 – Present

London, United Kingdom

- Implemented RESTful and SOAP APIs in a microservice architecture using Spring Boot, Docker and Kubernetes.
- Implemented and delivered monitoring and service discovery solution after presenting a proof of concept using Consul Connect, Prometheus, Grafana and Alert Manager and integrating with the microservices mesh.
- Designed and implemented custom OAuth2-based authentication workflow using Okta OIDC
- Took responsibility for migration from legacy code to the new microservices stack and end-to-end design and delivery for one of our clients. Delivery contributed to a majority of organisation revenue in Q1 and Q2 2022.
- Create a proof of concept using a Flutter application for NFC-based authentication and authorisation for EV smart charging (docking and fleet payment) with event-based registration and deregistration using Kafka

Secure Meters Ltd

Graduate Electrical Engineer

Jul. 2020 – Feb. 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

Intern

Jan. 2020 – Jun. 2020

New Delhi, 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% on average

PROJECTS

Reddit Clone App

Nov. 2020 – Jan. 2021

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

Travel Blog

May. 2020 – Aug. 2020

- A web app with user sessions where for blogging travel stories online where users can write, view, edit and delete posts made by them, along with customising their account profile
- Developed in Python using Django (Python) in the backend, HTML/CSS in the frontend, PostgreSQL database

EDUCATION

Guru Gobind Singh Indraprastha University

Bachelor of Technology, Electrical Power Engineering

Sept. 2020

New Delhi, India