

SHRAVAN CHITPADY

@ shravan.chitpady@outlook.com
github.com/mrshravandev

+91 8971051929
mrshravan.dev

Bangalore, India

linkedin.com/in/shravanchitpady



PROFESSIONAL WORK EXPERIENCE

Lowe's Services India Pvt. Ltd.

Lead Software Engineer [Carbon Compute Platform]

[Full Time]

August 2021 – Present [4.6 years] Bangalore, India

- Designed & developed modular API First Continuous-Delivery system using ReactJS & NodeJs (BFF) to configure, monitor and troubleshoot kubernetes deployments via UI, used GoLang goFiber frameworks, protobuf, gRPC for microservices, postgresDB, redisDB for caching & storing application configurations, Helm-charts, ArgoCD for GitOps model to deploy 15,000+ applications from 90+ teams to 1800+ kubernetes clusters at scale across various compute-platforms (on-prem, cloud, stores, edge, CDN) bringing entire Lowe's Continuous-Delivery requirements under single roof.
- Built & setted-up secure sys-control on-premise kubernetes environment using client-go, kubernetes-controllers, RKE cluster, Jenkins, jFrog, ansible, terraform, opened firewalls, calculated subnets, hashicorp open-source vault & argocd to run database, telemetry, strimzi kafka operators & compute application workloads.

GitOps Go Vault Istio Kubernetes Cloud CI/CD Operators

Honeywell Technology Solutions Lab Pvt. Ltd.

Software Engineer II [Connected Enterprise]

[Full Time]

August 2017 – August 2021 [3.9 years] Bangalore, India

- Designed & developed initial working software prototype called WYSIWYG configuration builder with drag & drop capabilities using MongoDB, ST JSON template engine, NodeJs for REST API layer and middleware, ReactJs [Hooks], Redux, ES 6/7, Typescript, Lodash, SASS, SVG, Jest, React Testing Library (RTL) and Enzyme testing frameworks, which has automated the end-end configuration process and it potentially saved more than 10 resources of manual configuration efforts.
- Lead the team of 2 developers and was responsible for the end-to-end implementation of Enterprise Management Dashboard Successfully delivered the project.
- Implemented & Delivered Plant Monitoring Health Dashboard using ReactJs, Typescript, Highcharts, NodeJs and used Micro-Frontend architecture, Java, SQL with 90%+ code coverage & automated unit test cases and integrated with API Gateway/middle-ware layer for authNZ and successfully was able to deploy application to cloud native container based environments and legacy on-prem based environments.

IoT IIoT Java ReactJs NodeJs HighchartJs Typescript .NET
MongoDB JWT PostGRESQL JSON NPM/YARN Data Model
HTML5 SCSS CI/CD Docker Kubernetes jFrog Vault Agile

Honeywell Technology Solutions Lab

Software Engineering Intern

[Full Time]

January 2017 – July 2017 [7 months] Bangalore, India

- Built a message broker system using RabbitMQ for downstream data coming from IIoT Plant sensors & configured, integrated with drools rule engine & apache spark to trigger events and consume messages from consumer queues and pushed them to HDFS & PostGRESql DB storage & solved various petrochemical business use-cases.

Drools Rule Engine RabbitMQ Java Spark HDFS PostGRESQL

EDUCATION

Bachelors of Technology in Computer Science & Engineering

Manipal Institute of Technology

[Full Time]

August 2013 – July 2017

Manipal, India

ACHIEVEMENTS

- Top Performer - Outstanding Achiever Award.
- Lowe's Annual Champion Award 2024
- Lowe's Star Award – Carbon Compute Platform
- Honeywell Bravo Silver Award – Outstanding Job on first Configuration Builder software tool.
- Honeywell Bravo Bronze Award - Rapid deployment of unified builder tool.
- Honeywell Bravo Bronze Award - Great work on meeting the deadline for CPS Project.

CERTIFICATIONS

- CNCF Certified, Kubernetes Administrator.
- Oracle Certified, Java Standard Edition 6 Software professional.
- Lean Six Sigma Green Belt Certified Software Professional

SKILLS

Frontend Software Engineering

- ReactJs [Hooks], Redux, Typescript, ES 7, Javascript, HighCharts, Axios, Jest, Enzyme, HTML5, CSS3, XSRF, SVG, JSON, SASS, Cookies, Caching, Local Storage, Browser Accessibility, Lodash, PWA, Atomic Component Design, Mobile Responsive Design, UI Design System.
- Package Managers (npm, yarn), UI Component Dev Tools (Storybook, Lerna, Styleguidist), Build Tools (react-scripts, Webpack)

Backend Software Engineering

- NodeJs, Backstage, Middlewares, Java, Rust, Go (Go-lang), C#, ASP.Net Core 3.1, goFiber, Swagger, RESTful API, JSON, YAML, Protocol Buffers, gRPC, SSE, Microservice, Monolith, SOLID design patterns, OAuth & JWT.
- Relational (PostGRESQL, MS SQL), NoSQL (MongoDB, Redis, Ignite), Timeseries (Victoria)

Infrastructure Software Engineering

- Hashicorp Vault, ArgoCD, Argo Workflows, GitOps, Istio, Docker, Kubernetes, Operators, SDK, K8s Controllers, Rancher, CI/CD, Ansible, Terraform, Jenkins, RabbitMQ, NGINX, Packer, ELK, Proxmox Hypervisors (Currently learning)

Other Skills

- AI, MCP, Agents, Git, Agile, Leadership

LANGUAGES

English Full Professional proficiency
Kannada Native/bilingual proficiency

OTHER INTERESTS

Badminton Chess Tabla Blogging