

# SHRAVAN CHITPADY

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## PROFESSIONAL WORK EXPERIENCE

Lowe's Services India Pvt. Ltd.

Lead Software Engineer [Carbon Compute Platform]

[Full Time]

August 2021 – Present [2.9 years] Bangalore, India

- Designed & developed modular API first Continuous-Delivery (CD) system using Go (Go-lang), ArgoCD, goFiber, Protobuf, gRPC, Helm charts, RedisDB, Backstage-reactjs UI frameworks, GitOps model to deploy 10,000+ applications from 60+ teams to various compute platforms (on-premise, google cloud, edge based kubernetes clusters, akamai CDN) bringing entire Lowe's CD requirements under single roof.
- Built & setted-up secure sys-control on-premise environment using rancher kubernetes cluster, Jenkins, jFrog, Ansible, Opened Firewalls, Vault & ArgoCD to run database, telemetry, kafka & compute application workloads.

GitOps ArgoCD Go Istio Kubernetes Rancher Operators SDK

Honeywell Technology Solutions Lab Pvt. Ltd.

Software Engineer II [Connected Enterprise]

[Full Time]

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

- Designed & developed advance search [defined query syntax, developed query parser, query validations, search suggestions, save & retrieve back search query], custom checkbox tree component, custom cell control for grid.
- Lead the team of 2 developers and was responsible for the end-to-end implementation of Enterprise Management Dashboard & Successfully delivered the project.
- 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.
- Implemented & Delivered Plant Operations Health Dashboard using ReactJs, Typescript, Highcharts, added application level logging, used Micro-Frontend architecture, Lerna, Storybook, Java, SQL with 90%+ code coverage & automated unit test cases and integrated with API Gateway/middle-ware layer for authorization and successfully could able to deploy application to cloud native container based environments and legacy on-prem based environments with IE/Edge, Chrome, Firefox browser support.

IoT IIoT ReactJs NodeJs HighchartJs Typescript Java 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 push 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
- Bravo Silver Award – Outstanding Job on first Configuration Builder software tool.
- Bravo Bronze Award - Rapid deployment of unified builder tool.
- Bravo Bronze Award - Great work on meeting the deadline for CPS PTTGC4 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 6/7, 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, Go (Go-lang), C#, ASP.Net Core 3.1, goFiber, Swagger, RESTful API, JSON, Protocol Buffers, gRPC, SSE, Microservice, Monolith, SOLID design patterns, OAuth & JWT, Rust(Currently learning)
- Relational (MS SQL, PostGRESQL), NoSQL (MongoDB, Ignite), Timeseries (InfluxDB)

Infrastructure Software Engineering

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

Other Skills

- Git, Confluence, Jira, Excel, Agile, Leadership

## LANGUAGES

English Full Professional proficiency  
Kannada Native/bilingual proficiency

## OTHER INTERESTS

Badminton Chess Tabla Blogging