

Satish Kumar Kalla

Senior Software Engineer

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SUMMARY

A professional full stack javascript developer with **8+ years** of experience in developing web applications and enterprise solutions using a wide range of front-end and back-end skills.

PROFESSIONAL SYNOPSIS

Backend

- Developing secure server side applications using node js frameworks.
- Implementing REST api's endpoints with token based authentication.
- Worked on relational and no sql databases and tuning databases to improve performance using indexing and optimizing queries.
- Implemented authentication and authorization techniques using JWT and Passport js.
- Worked on monolithic and microservices architecture based applications.
- Implemented messaging queues to scale and communicate microservices asynchronously using kafka js and kafdrop UI.
- Implemented queue system for scheduled jobs which can run based on cron specifications using bull js and bull board UI.
- Integrated different gateways like payment,sms,email.
- Worked on jest to write test cases and achieved more than 90% test case coverage.

Frontend

- Developing single page applications using React, Angular.
- Worked on angular components, controllers, directives, pipes.
- Implemented front end routing using ui-router and react router-dom.
- Good knowledge in hooks and state management.
- Used promise based http clients like axios to make http requests and handle request and response data.
- Used chart libraries like chart js in dashboards and reports.
- Worked on css frameworks and css preprocessors.

SKILLS

- ❖ Javascript | ❖ Typescript
- ❖ Node Js
- ❖ Nest Js | ❖ Express Js
- ❖ React Js | ❖ Angular
- ❖ MySQL | ❖ Postgres |
- ❖ MongoDB
- ❖ Bootstrap | ❖ Material UI |
- ❖ Ant Design
- ❖ Kafka Js | ❖ Bull Js | ❖ Stripe
- ❖ AWS S3 | ❖ Twilio SMS
- ❖ Send Grid | ❖ Dhiwise
- ❖ PHP | ❖ Laravel | ❖ Yii2
- ❖ HTML | ❖ CSS

TOOLS

- ❖ Jira | ❖ Git | ❖ Bitbucket
- ❖ VS Code

EDUCATION

B.Tech (Information Technology)

2006 - 2010

LANGUAGES

- ❖ Telugu | ❖ English | ❖ Hindi

Others

- Experience working in an agile environment. Used jira for tracking the project.
- Experience in version control systems like git and version control repositories like gitlab, bitbucket.

ONSITE - SRILANKA

Implementation and technical support of SFCS application for brandix client.

WORK EXPERIENCE

Reflections Info Systems Pvt Ltd , Kerala

SEPTEMBER 2021 - PRESENT

Schemax Expert Techno Crafts Pvt Ltd , Visakhapatnam

MARCH 2014 - AUGUST 2021

RECENT PROJECTS

Umano — *Umano Tech*

Node Js, Express Js, Angular Js, Postgres,

Umano is a product which collects information from different project management tools like jira, bitbucket/gitlab, confluence, slack etc..., It consists of modules like metrics, freemium, users, billing, roles and it has 20 metrics to display collected data from all the tools at a sprint level. Every metric shows data in charts, tables and timelines.

Role : Senior Developer

Responsibilities:

- Attended daily scrum meetings, sprint retro and planning sessions.
- Developed new metrics with charts and surfacing area. Ex: Planning Accuracy, Sprint Stability.
- Integrated and worked on chart js library and its plugins.
- Implemented Freemium module functionality.
- Developed custom filters for the dashboard for customers and users.

ShopFloor Control System — *Brandix Lanka Limited*

Node Js, NestJs, ReactJs, Ant Design, Postgres, KafkaJs, BulUs, Nx

This is a web-based ERP system which helps in resolving the pain areas in the Apparel manufacturing platform. Application consists of various modules like laying, cutting, sewing and packing etc. which fulfills the flow of stitching a garment from scratch. It also includes tracking of the finished goods which are needed to be delivered to clients for various countries across the globe.

Role : Senior Developer

Responsibilities:

- Attended daily scrum to give updates and discuss issues if any.
- Taking business/task understandings from SME.
- Developed UI components and rest api's, Integration of both UI and backend.
- Writing unit test cases for both UI components and functional logics.

Shakthi QC — *Opstech Pvt Ltd*

Node Js,Express,ReactJs,Material UI,MySQL

This is a web-based application for manufacturing industries. Application tracks cylinder manufacturing process,It consists modules like stages,production and stock and different types of KPIs displayed in dashboard and reports

Role : Senior Developer

Responsibilities:

- Creating database entities for the respective module.
- Implemented algorithm for planning and scheduling module.
- Setting up the application template with dynamic sidebar menus based on user role.
- Developed UI components and rest api's, Integration of both UI and backend.
- Implemented UI routing .

VKYC — *Reflections*

Node Js,Express Js, React Js, MongoDB, AWS S3, Heroku, Dhiwise, Twilio SMS, Sendgrid.

It's an online KYC application built using Dhiwise platform that connects agents of the banks to customers. Customers can schedule a session with available agents online for videoKYC, In video call agent captures screenshots of the submitted proofs like photo, aadhar, pan and signature. Agent submits a kyc application for review. KYC can be approved or rejected. It consists of modules like requests, users, roles.

Role : Team lead

Responsibilities:

- Attended daily scrum meetings.
- Designed a database and created all the models.
- Developed all the required rest api's..
- Uploaded / Retrieved all the images to AWS S3 bucket using aws-sdk.
- Integrated SMS(Twilio) and Email(Sendgrid) gateways.
- Deployed application in heroku.