Abhay Trivedi

Analyst/Software Engineer

Base Location: Bangalore

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Mobile No: +91 9916236455

Grade: A4

Strengths

- Full Stack Developer

- Hands on experience in creating **microservices** with **Springboot, Spring Security, Spring Cloud API Gateway, Eureka server**(client side service discovery) and cloud config server.

- Hands on experience in creating **Single page Web** Application in **react** with a good understanding of **hooks** and **react router**.

- Experience in creating documentation with Java docs and swagger and in **unit testing using Junit, Mockito** including **code quality compliance using Sonar cube**

- Experience in creating email services using **java mail sender** to send automated emails and SMS service using **Twilio** to send automated SMS.

- Hands on experience in creating message queues using **RabbitMQ**

- Experience in creating docker images and pushing to **Docker Hub** using **Docker SWARM**

Achievement

E-Commerce Shopping Cart Application

Completed end to end case study of Shopping Cart Application following a **microservice** architecture along with **JWT**, **Swagger**, **RabbitMQ** and payment using **Paytm payment gateway** and **react** used for user interface.

2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)

Performance Comparison of Prediction Algorithms for Forecasting of Wind Power Generation

In this research paper, the performance comparison of ARIMA, SARIMAX, and ARMA algorithms is performed and it is found that ARIMA provides the lowest error with an MSE measure of 523.01. The forecasting of active power with the ARIMA algorithm at different time scales over an interval of 10 minutes is done.

Check out my work on GitHub

Education and certificates

Bachelor of Engineering Electronics & Communication : 2018 - 2022

Skills

Skill	Details
Java 8 /J2EE	Java Basics, OOPS, Generics, Collections, Arrays, Loops, Lambda Exp, Stream API Junit, Mockito
Spring core	IOC & Dependency Injection, Autowire
Spring REST	REST controllers, Implementation of GET, POST, PUT & DELETE, Bean Validation & Exception Handling, RestTemplate, Testing Services, Controller & Repository layer
Spring Data JPA	Implement DAO layer using spring Data repositories, Transaction Management
Spring Boot Microservices	Spring Boot Starters, annotations, Messaging Service, Swagger API documents
Spring Cloud	Eureka, Netflix Hystrix, API Gateway & Config Server
React	Components, Hooks, Event handling, Redux, Reducers
Database	MongoDB No SQL Basics MySQl and PostgreSQL RDBMS
UI Tech	HTML 5 & CSS 3,JavaScript, ES6 & TypeScript Reusable templates, Optimized UI Designed
Tools	Git and GitHub, Postman, Gradle, STS, Intellij IDEA and VS code
Devops	CI/CD, Jenkins, Docker, Docker Swarm and Kubernetes
Add On skills	Communication, collaboration, Peer learning, problem solving

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