

# SUSHANT KUMAR

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## About

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- Experienced Full Stack Developer with over 3.6 years of expertise in building scalable web applications using java for backend and React for front-end development. Skilled in designing REST APIs, working with databases, and implementing microservices. Adept at writing clean, efficient code and collaborating in Agile teams to deliver high-quality solutions.

## Skills

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- Java | JavaScript | Spring Boot | Rest APIs | PostgreSQL | Oracle | MariaDB | Cassandra | Apache Kafka | Redis | Maven | Git
- J2EE | Amazon S3 | MongoDB | Jenkins | Kubernetes | Data Structures | Algorithms | OOPs | Python | CI/CD technologies
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi, Malayalam– *All professional proficiency or above*

## Experience

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**Software Engineer** Suntec Business Solutions Trivandrum, Kerala, India **04/2022 - Current**

- **Optimized API performance** by designing and implementing pagination for bulk data retrieval, improving user experience.
- **Streamlined CI/CD processes** by configuring Jenkins pipelines with pipeline-as-code (Jenkinsfile) and parallel job execution for automated builds, testing, and deployments.
- **Enhanced container orchestration** with Docker and Kubernetes for improved application scalability and management.
- **Integrated Oracle and MariaDB databases** through custom connectors, enabling seamless data access and management.
- **Developed a robust data pipeline** using Kafka for streaming data ingestion into Amazon S3, handling high-volume data efficiently.
- **Boosted API response times** by implementing Redis cache, optimizing cache policies for performance and scalability.

**Associate Software Engineer** **03/2021 - 03/2022**

- **Created a unified logging interface** by developing an abstraction layer for Log4j, simplifying logging operations across multiple libraries.
- **Enabled real-time data processing** by designing and implementing Apache NiFi flows to handle high-volume streaming data efficiently.
- **Implemented Tomcat filters** to log incoming and outgoing data, with centralized database storage for comprehensive analysis.
- **Resolved business-critical production issues** by identifying and fixing real-time bugs, ensuring system reliability.

## Education

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**Bachelor of Technology** UKF College of Engineering and Technology Kollam, Kerala, India **08/2016 - 08/2020**

- Major in Computer Science and Engineering

## Projects

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- **Detecting Malicious Url Using Character level CNN:** Developed a neural network model implemented in python using Keras library which involves a deep learning approach. The trained model can detect XSS, SQL Injection and Directory traversal payload in URL parameters. [View Repository](#) (03/2020)
- **Ashraya:** Developed a dynamic and user-friendly full-stack website using PHP CodeIgniter framework, leveraging its robust features and MVC architecture, and designed and implemented database schemas, models, controllers, and views for seamless functionality and an engaging user experience. [View Website](#) (10/2019)

## Certifications

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- The Web Developer Bootcamp - Udemy. [View Certification](#)
- JavaScript Algorithms and Data Structures - freeCodeCamp. [View Certification](#)
- Problem Solving (Intermediate) - HackerRank. [View Certification](#)

## Others

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- Received recognition from Suntec Business Solutions as part of the **CTO's Honour List** for exceptional contributions to the Platform Engineering Team, demonstrating excellence in technical expertise, leadership, and innovation. (10/2021)
- Awarded **6 star badge** for problem solving in Algorithms and Data Structures in HackerRank. (02/2018)