VIVEK SINHA (FULL STACK DEVELOPER)

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Professional Summary

A highly skilled Java Developer with 6 years of hands-on experience in designing and developing scalable applications using Java and microservices architecture. Proficient in Spring Boot, Hibernate, and implementing RESTful services. Strong expertise in front-end technologies such as Angular and React, with a solid background in full-stack development. Adept at working with cloud platforms and containerization tools like Docker and Kubernetes. Passionate about delivering high-quality, efficient code and driving solutions that align with business objectives.

Skills

- Angular
- Java
- Microservices
- JWT
- CI/CD Tools : Jenkins ,AWS CI/CD and Azure devops
- Spring Cloud
- Kibana
- Kubernetes

- ReactJs
- SpringBoot
- Lambda
- Version Control (GIT)
- Testing Tools: JUnit,Mokito
- Elastic Search
- EKS
- Docker: Deployment scripts

Work History

Senior Engineer   05/2023 to Current
Altimetrik India Private Limited – Bengaluru
Project : Cookie and Consent Platform
REDIS (Backend)

- Implemented a **Redis caching solution** within a Spring Boot application to enhance performance and reduce latency for frequently accessed data.
- Utilized **Amazon ElastiCache** for Redis to provide a fully managed, scalable, and secure caching layer, ensuring high availability and reduced operational overhead.
- Created **a dedicated service** for caching operations, including methods to save, retrieve, and delete cache entries.
- Leveraged **RedisTemplate** for CRUD operations, allowing efficient storage and retrieval of

data with expiration settings to manage cache lifecycle.

- Designed **RESTful** endpoints to facilitate cache interaction, demonstrating the ability to handle user requests and cache management efficiently.
- Achieved significant performance improvements, reducing database load and response times for data retrieval.
- Successfully demonstrated the benefits of caching by analyzing performance metrics before and after implementation.

Senior Software Engineer   01/2023 to 04/2023

CitiusTech Healthcare Technology Private Limited – Bangalore

- **Project: Healthcare Dashboard**
- • Developed responsive and interactive UI components using React and modern JavaScript frameworks.
- • Collaborated closely with backend teams to integrate RESTful APIs for real-time data display.
- • Utilized state management libraries like Redux for efficient state handling across the application.
- • Implemented best practices for performance optimization and accessibility compliance.
- • Ensured high code quality with unit testing and end-to-end testing using Jest and React Testing Library.

Senior Software Engineer   12/2020 to Current

Accolite Digital – Bangalore, India

Project 1: Flexential Experience Platform (FXP)

Feature: Monitoring Application to display the various alerts triggered via sensors in data centers

- Uses **Kafka messaging** to communicate with consumer applications to listen to various events triggered from downstream services (data center service)
- Successfully able to **decouple** the application using principles of hexagonal architecture
- Reduces api load time using reactive programming in react.
- Uses Postgres to integrate with outbox table for transactions (rollback/commit)
- Uses Plotly library in frontend in conjuction with angular framework to work with various charts.
- Uses SWAGGER for openapi documentation
- Uses jest and Mockito for testing the functionalities
- Uses Java stream api and lambda api to handle data parallelism

Software Engineer   02/2019 to 08/2020

Happiest Minds Technologies Public Limited – Bengaluru, Karnatka

Project 1: Buckman – Big Bang Platform (Oct 2019 – March 2020)

- Developed APIs, managed device provisioning, and implemented logic for KPI and alarm generation.
- Worked on telemetric data collection from sensors and edge devices, API integration, and unit testing.

- Technologies: Java Spring Boot, Spring Cloud, SQL, Git, Angular.
- Isolated business logic and domain logic using domain driven design concepts
- Used token based authentication using JWT

Full Stack Web Developer   03/2018 to 02/2019
Futorix Solutions Private Limited
Project 1: Human Resource Management System (HRMS) – Onboarding and Offer Generation (April 2018 – Feb 2019)
- Developed backend logic for fetching data using Node.js And frontend manipulation with Angular.
- Created UI satisfying business logic, integrated data, and implemented JWT authentication and PgPromise for transactions.
- Engineered and deployed onboarding workflows with Java and Spring Boot, elevating user satisfaction by 30%.
- Orchestrated API management within an MVC architecture, optimizing relational databases interactions for
- seamless system communication.
- Executed rigorous testing and debugging, slashing system downtime by 25% and significantly boosting process and reliability.

Accomplishments

- Architected and scaled APIs to ensure peak project performance, maximizing reliability and scalability.
- Delivered robust backend solutions using **Core Java, MySQL, and microservices**, fortifying the software's
functionality and resilience.
- Debugging, Testing, actively **handling end-to-end software development lifecycle** for the software programme to
provide quality delivery.
- Reduced client-reported incidents by 20%, showcasing proficiency in **issue resolution, troubleshooting skills and
systematic debugging techniques**.

Education

B.Tech: Mechanical   05/2015
Bharath University - Chennai
Graduated as a Mechanical Engineer.
% Obtained: 76

Some College (No Degree)
DAV Public School - Jharkhand,Hazaribagh

% Obtained: 63

10(Metric) 03/2008

Vivekananda Central School - Hazaribagh,Jharkhand

%Obtained:74

Hobbies

Cooking and Listening to music