

# VIKAS DHIMAN

Gharaunda, Karnal, Haryana, India - 132114

+91-9518636811

vikasdhiman835@gmail.com

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## EDUCATION

Asia Pacific Institute Of Information Technology SD India

08/2017 – 06/2021

Bachelor of Technology (CSE) -CGPA -7.6

Panipat, Haryana, India

## EXPERIENCE

Coforge

July 2021 – Present

Software Engineer

Noida, Uttar Pradesh, India

- Collaborating with Santander Bank, actively contributing to several critical applications such as MIRO, GASS, DORA, Sales, and others.
- Engaging in end-to-end full-stack development, encompassing both front-end and back-end components.
- Conducting in-depth research and investigations to deliver well-documented solutions.
- Notable achievements in code optimization and performance enhancement.
- Swiftly developing and maintaining a multitude of microservices with a strong emphasis on clean code.
- Beyond client work, initiated a ground-up application development project and fostered internal cross-team collaboration.
- Actively participated in workshops and training sessions to continually enhance skill set.
- **Skills Used** - JAVA, Angular 12+, Spring Boot, Gitlab, Jenkins, Sonarqube, Hibernate, Microservice, Rest API, SQL, Docker, Openshift, Pass, Material UI, Gearspear, CI/CD, Junit, Jasmin/Kerma, Maven

Affine Group Limited (Internship)

July 2020 – Dec 2020

Full Stack Developer

London, United Kingdom

- Responsible for developing end to end website for serving digital doctors to customers.
- Delivered all business clients requirements related to their projects.
- Developed Chatbots using IBM and Google Dialogflow and integrated with the product website using different APIs and firebase for database management.
- **Skills Used** - Javascript, Angular 10, Firebase, Uneeq, GCP, Node, Github, IBM Chatbot, IBM Watson, Github

## TECHNICAL SKILLS

**Backend:** Java, Spring Boot, Hibernate, JavaScript, JDBC, JPA, Microservice, REST API, JMS, Junit, Spring Security.

**Frontend:** Angular, Typescript, Javascript, HTML, CSS, Figma, Bootstrap, Material UI, REACT tools, React.js.

**Cloud:** AWS, Azure, GCP.

**Tools:** Spring Tool Suite, Eclipse IDE, VS Code, Postman, Maven, Oracle SQL Developer, MYSQL WorkBench, Git/Github/Gitlab, IntelliJ, Docker, Jenkins, SonarScanner

**Databases:** Oracle, MySQL, Maria DB, DB2

## PROJECTS

Process Org Utility

Oct 2023 - Present

- \* Currently spearheading the development and maintenance of backend APIs using Spring Boot, seamlessly integrating with multiple databases.
- \* Actively crafting an intuitive Angular frontend with Material Design, optimizing query workflows for non-technical teams, particularly helpdesk.
- \* Ongoing efforts to improve system performance, establish robust communication channels, and regularly gather user feedback for continuous enhancements.
- \* **Accomplishment** - Successfully streamlined query processes for non-technical teams, saving valuable time, and fostering a more efficient workflow with the ongoing development of the integrated Angular frontend and Spring Boot backend.

Perseus

Sept 2023 - Present

- \* Implemented parallel zip functionality for backend calls, enhancing performance and efficiency.
- \* Leveraged the same technology stack employed in the Sanwiki app for the development of this application.
- \* Utilized Clarity and Material Grid to display and enable future editing, sorting, and searching of work items.
- \* Regularly utilized Jenkins, Gitlab, and AWS for daily tasks and end-of-day deployment of modifications.
- \* **Accomplishment** - Significantly, enabled the inspection of traffic, operational pods, and pod characteristics through this application, streamlining the monitoring process compared to the previously used Openshift, Gearspear, and Pass platforms.

Sanwiki

Aug 2023 - Spet 2023

- \* Developed an Angular application with a front-end built using Material UI.
- \* Designed and implemented an Angular microservice from scratch with a focus on efficiency and minimal code footprint.
- \* Deployed the application using Gitlab, Jenkins, Docker, Openshift, and Pass for streamlined development and deployment.
- \* Implemented lazy loading principles and router guards to efficiently control the application's routing.

- \* **Accomplishment** - Notably, provided the organization's users with a unified platform for easily tracking server data, eliminating the need to use multiple platforms.

## Patching Management

Sept 2022 - Mar 2023

- \* Led the management of frontend, backend APIs, and the database.
- \* Employed MySQL as the database, Spring Boot as the backend, and Angular 12 as the frontend framework.
- \* Engineered a robust web project with a strong emphasis on security principles.
- \* Achieved performance optimization and increased code coverage.
- \* Designed the system to allow users to apply filters for data organization, making it searchable and editable, and enabling data export to Excel format.
- \* Developed a dashboard to generate reports on various time scales (hourly, daily, weekly, monthly, and yearly) and export them in Excel format.
- \* **Accomplishment** - A notable achievement was handling large volumes of server data efficiently through this project.

## Airline Reservation System (Echo Flights)

Jan 2022- Jan 2022

- \* Utilized Angular for the front-end and Spring Boot for the back-end, with MySQL serving as the database, and implemented RESTful APIs through microservices.
- \* Successfully established a connection with the database and meticulously crafted the back-end, rigorously testing the application on various platforms to ensure seamless operation.
- \* Created an intuitive dashboard to generate comprehensive reports on a weekly, monthly, and annual basis, providing users with valuable insights.
- \* Wrote extensive test cases for the Spring Boot application using Junit and Mockito to ensure robust functionality and reliability.
- \* Achieved a significant improvement in the project's code coverage, resulting in an impressive 97% score on SonarScanner, indicating high code quality and performance optimization.
- \* **Accomplishment** - A noteworthy accomplishment of the project is the user-friendly feature allowing users to check available flight seats without the need to log in, offering individual seat control within a single ticket, which accommodates up to 5 seats.

## COURSE WORK

- Spring Framework for Beginners with Spring Boot (Udemy)
- Github Actions: Become the Jedi of CI/CD 2023 (Udemy)
- Microsoft Certified: Azure Fundamentals(Microsoft)
- Angular Spring Boot(ICSD Tech Lab)
- Building Scalable Java Microservices with Spring Boot and Spring Cloud! (Coursera)
- Advance Java (ICSD Tech Lab)
- Core Java (ICSD Tech Lab)
- Oracle SQL Developer (ICSD Tech Lab)
- Hash Code (Google)