

Vikas Dhiman

Software Engineer

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PROFESSIONAL EXPERIENCE

Coforge Software Engineer 🔗 https://www.coforge.com/	July 2021 - Present Greater Noida, UP, India
<ul style="list-style-type: none">Led initiatives with Santander Bank to improve key applications, including MIRO, GASS, DORA, and Sales, resulting in a 30% reduction in error rates and a 20% acceleration in project timelines.Managed complex migrations at Santander Bank, including Jenkins migration and various backend and frontend projects, achieving a 90% success rate.Conducted end-to-end testing for both frontend and backend projects, maintaining code quality between 76% and 90% using Sonar.Oversaw the management of over 1,000 assemblies, ensuring accurate display of all assembly information and reducing application effort by 90%.Delivered applications under tight deadlines, some within 15 to 20 days, while leading several development and support teams.Used Jenkins to create an automated pipeline for continuous integration, saving the team 4 hours per day and improving efficiency.Architected and maintained scalable microservices, focusing on solid principles and clean code, accelerating feature release cycles by 30% and minimizing technical debt by 20%.	
Affine Group Limited Full Stack Developer 🔗 https://www.affineglobal.com/	July 2020 - December 2020 Remote - Internship
<ul style="list-style-type: none">Contributed to the development of frontend web applications using Angular 12, Firebase, and Node.js, ensuring responsive and user-friendly interfaces that resulted in a 25% improvement in user satisfaction.Implemented advanced chatbot integration with websites using Firebase and APIs, leveraging IBM and Google Dialogflow to enhance user interaction by 30%.Integrated a digital human into our Angular application using the Uneeq platform, significantly enhancing user experience by 40%.	

EDUCATION

Asia Pacific Institute Of Information Technology SD India Bachelor of Technology (Computer Science and Engineering) 7.96 CGPA	July 2017 - June 2021
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SKILLS

- Frontend:** Angular, TypeScript, JavaScript, HTML, CSS, Bootstrap, Material UI, Jest, Jasmine, Karma, JQuery, Testing & Debugging.
- Backend:** Java, Spring Boot, Hibernate, ORM, JDBC, JPA, JSP, Servlet, Microservices, REST API, Junit, Mockito, Spring Security, Data Structure.
- Tools:** Jenkins, Git/GitHub, Docker, Maven, Postman, MySQL Workbench, Oracle SQL Developer, NPM, Jira, Service Now, Dynatrace, Kibana, Opsshift.
- Databases:** Oracle, MySQL, MariaDB, DBvisualizer.

PROJECTS

Perseus	September 2023 - March - 2024
<ul style="list-style-type: none">Developed parallel zip functionality for backend API calls, enhancing speed by 50%.Optimized authentication processes, achieving a 75% speed improvement with advanced regex techniques.Designed and deployed an Angular dashboard using Material UI, validating with 83% code coverage and over 300 rigorous test cases.Reduced information retrieval time for pods, Docker, Dynatrace, Jira, and related topics by 70% with a streamlined application.Managed and executed daily tasks and deployments using Jenkins, GitLab, SonarQube, and AWS infrastructure.	
Process Org Utility	October 2023 - January 2024
<ul style="list-style-type: none">Enhanced backend APIs with Spring Boot and frontend with Angular 16, streamlining query workflows for non-technical teams.Optimized query methods, saving the team 40% of their time.Applied multithreading to manage multiple databases in a single backend application, improving performance by 20%.Integrated APIs to allow users to switch databases easily, increasing user efficiency by 30%.	
Sanwiki	August 2023 - September 2023
<ul style="list-style-type: none">Established an Angular 14 application with a front end designed using Material UI.Created and implemented Angular 14 microservices, focusing on minimizing code footprint and maximizing efficiency.Integrated GitLab, Jenkins, Docker, OpenShift, and Pass to streamline development, reducing deployment time by 40% and increasing application stability by 30%.Applied lazy loading and router guards to manage application routing effectively, increasing code coverage to 89%.Consolidated various server data tracking platforms into a single, user-friendly interface, improving operational efficiency by 40%.	
Patch Management	September 2022 - March 2023
<ul style="list-style-type: none">Utilized MySQL for the database, Spring Boot for backend operations, and Angular 12 for the frontend framework.Engineered a secure web application with advanced encryption and multi-factor authentication, reducing data breaches by 75% and boosting client retention by 20%.Improved project code coverage, achieving a 97% score on SonarScanner, indicating high code quality and performance.Established a system to manage millions of server data points, displaying them on a Material UI dashboard, and reduced labor by 80%.Created a comprehensive dashboard for generating reports across various time scales (hourly, daily, weekly, monthly, and yearly) with export functionality to Excel.	

CERTIFICATIONS

Spring Framework for Beginners with Spring Boot Udemy 🔗 Link	Github Actions (CI/CD) Udemy 🔗 Link	Azure Fundamentals Microsoft
Angular Spring Boot ICSD Tech Lab	Advance Java ICSD Tech Lab	Core Java ICSD Tech Lab
Oracle SQL Developer ICSD Tech Lab	Building Scalable Java Microservices with Spring Boot and Spring Cloud! Coursera 🔗 Link	Hash Code Google