DUSHYANT SINGH RAJPUT

Boston, MA | Open to Relocation
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Summary

Java Full Stack Developer with strong expertise in Java, Spring framework, and the MERN stack. Proficient in building scalable web applications, secure RESTful APIs, and responsive UIs. Adept at working in agile environments with cross-functional teams, demonstrating strong collaboration, communication, and leadership skills. Known for being a proactive team player with a problem-solving and critical thinking mindset and the ability to bridge technical and non-technical stakeholders. Currently pursuing Master's in Software Engineering at Northeastern University, experience leading tech-enabled process improvements and automation initiatives at Volvo-Eicher Commercial Vehicles.

Technical Skills

Java | Spring framework | Spring Boot | NodeJS | HTML5 | CSS3 | JavaScript | ExpressJS | ReactJS | TypeScript | Figma | MySQL | MongoDB | PostgreSQL | VS Code | IntelliJ Idea Ultimate edition | Eclipse IDE | Git | GitHub

Projects

Ticket Tracker Application – Spring Boot App | GitHub Link
- Built a full-stack ticket tracking system to manage and monitor support tickets, with real-time status updates and secure access control.
- Increased ticket resolution rate by 30% by developing a full-stack ticket tracking system (React, Spring Boot, PostgreSQL) that enabled real-time status updates and secure access control for support teams.
- Designed RESTful APIs with Spring Boot and Spring Security, implemented core business logic with Hibernate, and developed the front end using React.js with real-time dashboard integration.
- Spring Boot, Hibernate, MySQL, React.js, Spring Security, REST APIs

FBTA – Java App | GitHub Link
- Built a full-stack expense-sharing platform supporting group management, user authentication, and real time debt tracking.
- Developed RESTful services with Spring Boot, handled UI logic using React and Java Swing, and optimized backend performance and responsiveness with MySQL and in-app computations.
- Java, Spring Boot, React.js, Java Swing, MySQL, REST APIs

Simply Rentals – MERN Web Application | GitHub Link
- Created a full-featured real estate platform enabling users to list, browse, and manage property rentals with real-time interaction and secure transactions.
- Built user authentication, property listing modules, messaging, and payment integration; implemented an admin dashboard for managing listings and users.
- Node.js, Express.js, MongoDB, React.js, TypeScript, Tailwind CSS, Vite, REST APIs, HTML, CSS

Red Eye Cab Service – Algorithms Graph | GitHub Link
- Developed a graph-based routing system to optimize cab routes and calculate shortest paths between multiple city locations.
- Implemented core algorithms using DFS and adjacency lists for real-time pathfinding and created a user interface to input destinations and display optimized routes.
- Java, Graph Algorithms, DFS, Adjacency List, IntelliJ IDEA

Experience

Full Stack & AI Programming Intern   **Feb 2025 – Apr 2025**
MUNDOprints Corp.   **Boston, MA**
- Redesigned and migrated a live eCommerce website from WordPress and WooCommerce to a scalable, high-performance site using React and Tailwind CSS for improved speed and maintainability.
- Integrated secure online payments by implementing the Razorpay API and deploying backend services on AWS.
- Developed a Python automation script to streamline testing and significantly reduce setup time during the new site's deployment phase.

Deputy Manager - Manufacturing Operations   **Jul 2012 - Aug 2023**
VE Commercial Vehicles Ltd.   **Madhya Pradesh, India**
- Collaborated with a cross-functional team to develop a real-time product status application using HTML, CSS, React, and TypeScript. The application provides instant access to in-process and finished product statuses, ensuring visibility into build quality and the availability of associated documentation.
- Enhanced departmental productivity by 14.3% through critical process analysis and optimization of the robotic welding path, resulting in improved line balancing.
- Redesigned copper adapters for robotic welding, reducing operational downtime by 720 minutes annually and slashing operational costs by INR 1.32 million per year.

Engineer (Operations)   **Jun 2010 - Jul 2012**
Force Motors Ltd.   **Madhya Pradesh, India**
- Improved daily production efficiency by 12% by proactively monitoring Bodyshop welding and sub-assembly lines, ensuring strict adherence to quality standards and process parameters.
- Reduced unplanned downtime by 15% by collaborating with maintenance teams and assisting in root cause analysis, enabling quicker troubleshooting of automation fixtures and equipment.
- Streamlined documentation and process compliance by updating shift logs and work instructions, while actively contributing to 5S and Kaizen initiatives to support continuous improvement.

Marketing Executive   **Nov 2009 - Jun 2010**
SafeFlex International Ltd.   **Madhya Pradesh, India**
- Boosted lead conversion efficiency by 20% by assisting in the execution of targeted sales campaigns and managing follow-ups across phone, email, and in-person channels.
- Enhanced client engagement and data accuracy by maintaining CRM systems, coordinating distributor communications, and preparing tailored sales proposals and catalogs.
- Identified new market opportunities and improved digital outreach by conducting competitor analysis and collaborating with the design team on social media and email marketing content.

Education

Master of Science in Software Engineering Systems | Northeastern University, Boston, MA, USA | Expected by August 2025
Bachelor of Engineering in Mechanical | Rajiv Gandhi Technical University, Gwalior, India

Awards & Certifications

Advanced Certificate Program in Back End Software Development | Link: [Certificate](#)
E & ICT Academy, Indian Institute of Technology, Roorkee, India

Long Service Award for successful completion of 10 years
VE Commercial Vehicles Ltd., Indore, Madhya Pradesh, India