

AKSHAY TADAKOD

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OBJECTIVE

Experienced Senior Software Developer with a demonstrated track record of over 2.4+ years in Java, HTML, CSS, JavaScript, and ReactJs. Led initiatives to optimize application efficiency, enhance performance, and streamline deployment processes. Seeking challenging opportunities to leverage technical expertise and problem-solving skills in a professional environment.

EDUCATION

Bachelors of Technology in Aerospace Engineering, Jain University, Bangalore 2015 - 2019
CGPA - 8.1

Higher Secondary School - Science(PCMB), Shantiniketan PU College, Khanapur 2013 - 2015
Percentage - 84%

SKILLS

Technical Skills	Java, HTML, CSS, JavaScript, Python, C#, SQL, Git, ReactJs, Spring Boot
Tools	Eclipse, Spring Tool Suite, Visual Studio Code, Visual Studio, PyCharm, Figma, WinSCP, Putty, Tomcat, MySQL Workbench, GitHub, BitBucket
Others	Oracle AgilePLM, Oracle Cloud PLM, Java Client
Soft Skills	Effective Communication, Problem-solving, Team Collaboration, Time Management

EXPERIENCE

Senior Systems Engineer Nov 2021 - present
Infosys *Bangalore, Karnataka*

Java Developer — ACC Enhancements Project

- Achieved a 20% improvement in application efficiency by developing customized PX (Process Extensions) tailored to client specifications, utilizing advanced Java and scripting skills.
- Led the implementation of Java client and web client functionalities, resulting in a 15% optimization in application performance.
- Developed and deployed PX using WinSCP and Putty, ensuring flawless configuration and seamless integration, contributing to a 25% reduction in deployment time.
- Spearheaded the Proton Application Testing platform to rigorously test PX, ensuring reliability and functionality, resulting in a 30% increase in testing efficiency.
- Documented configuration aspects comprehensively for future reference, facilitating streamlined maintenance and knowledge transfer.

Full Stack Developer — Integration and Migration Project

- Designed and developed a web tool for Excel file comparisons, leveraging HTML, CSS, JavaScript, and Java Servlet technologies, resulting in a 25% improvement in data processing efficiency.
- Integrated Java Servlet technology to ensure seamless communication between front-end and back-end components, enhancing application responsiveness by 20%.
- Implemented robust security measures on the Apache Server environment, safeguarding against potential vulnerabilities and ensuring reliable performance.
- Documented the entire development process, including architectural design and code implementation, enabling efficient maintenance and troubleshooting.
- Created comprehensive user manuals and guides for effective tool navigation, utilization, and future maintenance.

Hydraulics Department (AMCA Project), Aircraft Research and Design Center (ARDC)

- Collaborated on hydraulic layout and routing for Advanced Medium Combat Aircraft (AMCA) Secondary Power Systems (SPS), Spine area, and Flight Control System (FCS), focusing on Primary Control Surfaces, resulting in optimized system performance.
- Utilized Catia and TeamCenter(UG-NX) for modeling and drawing creation, specializing in Part Design, Assembly, and Routing of Hydraulic Systems, contributing to streamlined development processes.
- Proficient in Hydraulic hoses, hose end fittings, tubes, and tube end fittings, including Airdrome and Permaswage Fittings, ensuring precise system integration and functionality.

Development Department (Methods), Foundry and Forge (F&F)

- Acquired expertise in Aerospace industry Casting (Investment Casting, Aluminium/Magnesium Casting), Forging, and Ring Rolling techniques, resulting in improved manufacturing processes.
- Demonstrated competence in part modeling, drafting using NX-10, and creating Method sketches, Product Drawings, and Technology sheets using AutoCad 2021, enhancing design accuracy and efficiency.
- Proficient in interpreting industry-standard CAD drawings, basic GD&T concepts, and simulation tools like MAGMASOFT (casting) and Simufact (forging), facilitating effective collaboration and problem-solving.

Quality Control, Blade Shop (Cheetah/Chetak), Helicopter Division

- Developed a comprehensive understanding of manufacturing, testing, repair, and traceability of the Main Rotor Blade (MRB) and Tail Rotor Blade (TRB), ensuring adherence to quality standards.
- Skilled in calibrating measuring devices, testing equipment, and using IFS software for documenting New or Serviceable Blades, ensuring accurate quality control procedures.
- Demonstrated proficiency in NDTs including Radiography - X-Ray (NDTS 001) and Dye Penetrant Test (NDTS 015) for Inspection, ensuring product integrity and safety.
- Proficient in measuring Rotor Blades with calipers, and gauges, and performing Static Balance of Main Rotor Blades, contributing to enhanced rotor system performance and safety.

PROJECTS

Text Utilities - React Project ([Live Demo](#))

Dec 2023

- Developed a dynamic Text Utilities web app using React, Bootstrap, JavaScript, HTML, and CSS, addressing real-world challenges in text manipulation.
- Implemented advanced text transformation features, including case conversion and sentence capitalization, ensuring efficient input.
- Engineered robust text analysis capabilities, such as word count, character count, and reading time estimate, promoting user productivity.
- Ensured a seamless user experience with a responsive design across various devices and screen sizes, enhancing accessibility.
- Published the project on GitHub, demonstrating proficiency in version control and collaboration: ([GitHub Link](#)).

Personal Portfolio - HTML, CSS, and JavaScript ([Live Demo](#))

Nov 2023

- Developed a personal portfolio website showcasing skills and experiences as a Front-end Developer, creating an engaging interface.
- Implemented sections for About Me, Experience, Projects, and Contact, facilitating easy navigation for visitors.
- Ensured optimal viewing experience on various devices through responsive design, promoting accessibility. And enhanced user experience with interactive navigation and smooth scrolling, improving engagement.
- Published the project on my GitHub Page: ([GitHub Link](#)).

Little Lemon Restaurant Website ([Live Demo](#))

Oct 2023

- Built a responsive web application using React to showcase the menu and features of the Little Lemon restaurant, enhancing customer interaction.
- Utilized React, HTML5, CSS3, and JavaScript to develop the project, ensuring compatibility and functionality.
- Created an easy-to-navigate platform for customers to explore the menu, make reservations, and place orders, promoting user convenience.
- Implemented key features such as browsing menu items, making reservations, and placing orders for takeout or delivery, enhancing user experience.
- Showcased the restaurant's history, values, and team on the website's About Us page, promoting brand identity.
- Published the project on my GitHub Page: ([GitHub Link](#)).

Excel Comparison Tool - Java Project

Feb 2023

- Developed an advanced Excel Comparison Tool using Java Servlets, Apache POI, HTML, CSS, JavaScript, and Log4j, enabling users to compare Excel files by uploading source, target, and configuration files.
- Implemented detailed column-wise comparison for accuracy and designed a user-friendly interface for easy navigation and file upload.
- Customized parameters for tailored comparisons, ensuring flexibility, and deployed on Apache Tomcat Server for accessibility and smooth performance.
- Utilized Java Servlets, Apache POI, and Log4j for back-end processing, file manipulation, and logging, demonstrating strong Java skills and providing a reliable solution for Excel file analysis.
- Published the project on GitHub: ([GitHub Link](#))

AWARDS

Insta Award

Infosys

- Accomplished the prestigious Insta Award for spearheading exceptional performance and making significant contributions to Oracle PLM COE initiatives.
- Led the development and execution of pioneering strategies, resulting in a remarkable 35% boost in efficiency and a notable 25% decrease in project turnaround time.
- Devised and implemented innovative solutions, resulting in a remarkable 40% advancement in productivity and a substantial 20% increase in customer satisfaction.

Appreciation Award

Hindustan Aeronautics Limited

- Designed visually stunning and impactful cover pages for the Quarterly Magazine of Foundry and Forge Division at HAL, receiving recognition and an appreciation award from the division head for outstanding work.
- Utilized creativity and graphic design expertise to enhance the overall appeal of the cover pages, contributing significantly to increased readership and engagement in the Quarterly Magazine.

CERTIFICATES

- Meta Front-End Developer Specialization
- HTML, CSS, and JavaScript for Web Developers
- Infosys Certified Front-end Developer
- Infosys Global Agile Developer Certification
- Infosys Certified .NET Micro service Developer Fundamentals
- Infosys Certified CPQ Developer
- Oracle Cloud Infrastructure 2023 Foundations Associate - 1Z0-1085-23
- Oracle Cloud Data Management 2023 Foundations Associate - 1Z0-1105-23
- Oracle Cloud Infrastructure 2023 AI Foundations Associate - 1Z0-1122-23