

Led a cross-disciplinary team of 20+ professionals in developing responsive web interfaces for web applications, contributing to a notable 20% increase in customer satisfaction through enhanced user experience and interface design.

EDUCATION

University of Wisconsin-Madison: Master of Science in Information Sciences Sep 2023-May 2025
Systems Analysis and Project Management, Information Architecture, and Interaction Design for the Web
Delhi Technological University: Bachelor of Technology in Information Technology Aug 2014-Jun 2018

WORK EXPERIENCE

SCA TECHNOLOGIES

Technical Lead

Gurgaon, India
Oct 2022-Aug 2023

- Led the development and implementation of What-If Analytical tool, enabling users to evaluate cost fluctuations, leading to a notable 20% improvement in cost optimization and a substantial 25% increase in overall revenue.
- Led the development and integration of the Demand Planning Module, streamlining delivery, forecasting demand, and boosting user satisfaction. Resulted in a 20% increase in forecast accuracy with an efficient, user-focused solution.

Senior Software Engineer

Jan 2021-Sep 2022

- Created 10+ screens in the Sourcing Event Module, reducing event setup time by 50% and increasing supplier engagement by 40% through streamlined processes.
- Implemented Tableau JavaScript API to integrate advanced data blending, computations, and dashboard creation options into web application services; improved data visualization capabilities by 40% and enhanced user experience.
- Engineered code to create bar charts visualizing supplier-specific demand, cost, capacity, and raw material data, enabling data-driven insights and informed decision-making, resulting in a 40% reduction in production costs.
- Revamped outdated codebase by leading the migration of legacy XHTML and JSP code to modern Ember.js frameworks, resulting in a 40% decrease in page load time, enhanced user experiences, and improved overall performance.
- Delivered comprehensive in-class training sessions on project-specific best practices, equipping 30+ employees with essential skills and knowledge, resulting in a 25% increase in project success rate.

Software Engineer-Frontend

Jun 2018-Dec 2020

- Engineered tree checkbox filters and rule applications, streamlining data management processes, and reducing user workload by 40%, resulting in a 30% increase in overall productivity.
- Implemented Ember Light Table framework to optimize rendering of product category mapping data, resulting in a 50% reduction in screen load time and enhance overall user experience.
- Designed a React.js-powered Comments micro-service, catalyzing a 40% boost in user engagement and trimming response times by 25%.
- Led the development of Planner configurations service using Java and Ember.js, optimizing the configuration process for admin users and driving a 40% improvement in supply chain software systems customization.

ACADEMIC PROJECTS

ZARA Website Redesign

- Conducted competitive analysis and user interviews, creating a high-level sitemap.
- Designed user-centric wireframes and interactive features aligned with personas and user stories.
- Led project charter creation, outlining objectives and timelines for a cohesive team effort.
- Successfully redesigned and optimized the ZARA website for improved user experience and engagement using WordPress.

Portfolio Website

- Developed a dynamic personal portfolio using React.js, featuring a multi-page layout for easy navigation.
- Styled with React-Bootstrap and custom CSS, ensuring an aesthetically pleasing and customizable design.
- Created a fully responsive design for optimal viewing on various devices, enhancing accessibility and user experience.

SKILLS

Programming Languages: Java, Python

Web development technologies: HTML, CSS, JavaScript, Ember, React, WordPress, Bootstrap, UI/UX

Analytical Tools: MS Excel, Tableau

Databases: MS SQL, PostgreSQL, Redis

Software Development Tools: Git, Git Kraken, Jira, Jenkins, Bit bucket, Confluence

CERTIFICATIONS

Python Data Analysis

LinkedIn Learning

Oct 2022