

Sanjana Shyam Desai

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Software engineer with a Master's in Computer Science and experience as a Full Stack Developer. Proficient in Java, Python, and C#, with strong problem-solving skills and a collaborative mindset

EDUCATION

The University of Texas at Dallas

Master of Science, Computer Science

May 2023

GPA 3.63

University of Mumbai, Mumbai

Bachelor of Engineering, Computer Engineering

May 2021

GPA 3.58

PROFESSIONAL SKILLS

Programming Languages: Java, JavaScript, JavaScript ES6, Python, R, HTML5, Cascading Style Sheets (CSS3), C,

Frameworks and Tools: React, Angular, Vue.js, Bootstrap, Agile, AWS, Git, Docker, Visual Studio, CodeSonar, JIRA, Confluence

Databases: SQL Server, MongoDB, PostgreSQL

Certifications: [Oracle Cloud Infrastructure Associate](#), [Oracle Cloud Data management Associate](#)

PROFESSIONAL EXPERIENCE

CrowdDoing

United States

Frontend Developer

November 2023 – Present

- Collaborated with product and UX team to build a Proof of Concept (POC) website for Nature Counter, achieving **20%** increase in **user engagement** with responsive design using **Scrum methodology and User Stories**
- Employed **Figma**, **Framer** and **Web flow** web technologies, achieving responsive flexbox layouts and interactions with a **30%** reduction in coding efforts, while adhering to User Stories
- Established a robust **CI/CD pipeline** utilizing **Jenkins** and **GitHub Actions**, automating the deployment of over 20 features and updates, which resulted in a **50%** faster release cycle and a **30%** boost in developer productivity

Sahu Technologies

Mumbai, India

Software Developer

August 2020 – February 2021

- Developed a **Java-based** task manager application (**MERN Stack**) that boosted user satisfaction by 50%
- Optimized backend performance by managing **MySQL** deployment and streamlining complex **SQL queries**, achieving a **25% reduction** in data retrieval times
- Implemented **unit testing frameworks** and enforced coding standards, reducing integration time by 50%

Raasta Consulting Pvt Ltd,

Mumbai, India

Full Stack Developer

October 2019 – March 2020

- Conceptualized and led the development and monitoring of e-commerce web app for 5000 customers utilizing the **Angular** framework, driving a significant **20%** increase in sales and **15%** decrease in customer support tickets
- Enhanced system capabilities by implementing real-time inventory updates, optimizing interactions and achieving a **30% reduction** in order processing time through **efficient programming** within the **MVC framework**
- Maintained track of change requests on tracking tool **JIRA (Agile model)** and managed version controlling using SCM tools like GIT, improving the delivery workflow by **40%**

ACADEMIC PROJECT EXPERIENCE

Online Bookstore Web App (Spring Boot)

June 2023 – July 2023

- Built a modern online bookstore with a scalable **Spring Boot** backend, utilizing microservices architecture, and optimized **HTML5** and **CSS3** for a **40%** reduction in page load times
- Utilized **AWS** for scalable hosting & deployment, leveraging **JUnit**, **GitHub Actions**, & **Docker** for testing automation

Automated Teller Machine REST API

October 2022 – December 2022

- Designed and implemented a secure, **RESTful API** for (ATM) backend, leveraging **Node.js**, **Express**, and **MongoDB**
- This API leveraged **CRUD** operations (Create, Read, Update, Delete) for efficient management of millions of monthly ATM transactions and facilitated **horizontal scaling** for future growth

Training and Placement Management System (C#)

February 2023 – March 2023

- Built a **C#/.NET** training & placement application to manage student records, featuring dynamic input forms that streamlined data capture and reduced manual entry by 40%

ORGANIZATION EXPERIENCE

Computer Society of India, Chairman

June 2019 – May 2021

- Spearheaded and coordinated over **30** organizational activities for **1,000+** students, ensuring successful execution and positive outcomes through strong **teamwork**