



# Tanmoy Sen

## Software Engineer (IC2) at ServiceNow

Tanmoy is a self-motivated Frontend Developer with **6+** years of experience building and maintaining responsive websites for different domains using **HTML5, CSS, SCSS** and **Bootstrap**. He has experience with **Javascript, Typescript, JQuery** and UI technologies like **Angular, ngRx, RxJS**. Tanmoy has worked on **Micro Frontend** projects, and building **Custom UI Libraries**. He is familiar with **Accessibility** standards, **Web performance** and **optimization**.



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## WORK EXPERIENCE

### Software Engineer (IC2)

ServiceNow

08/2022 - Present

Bangalore

#### Achievements/Tasks

- Led the development of multiple modules for a complex **Angular** application that significantly improved the business user experience and reduced dependency on authors to update content in **Dotcom** Application.
- Building a **Design System** for ServiceNow which will establish a consistent visual language, improve design efficiency, and will lead to better user experiences across all products and platforms.
- Successfully led a team of **3 developers**, mentoring them on best practices and ensuring the delivery of high-quality code within project timelines. As a result, the team was able to increase their productivity by **27%** and consistently meet or exceed project goals.
- Implemented an automated **TDD** process for unit testing, resulting in a significant improvement in code quality and reducing the number of bugs in production.
- Responsible for implementing(writing scripts, setting up analytics) multiple **A/B tests** which on an average witnesses a 75% positive lift and contributed to the form conversions.
- Created a visually appealing and responsive user interface following visual design(Figma) and **HTML5, SCSS and Bootstrap**, also ensured WCAG level AA compliance.

### Consultant

Deloitte USI

04/2021 - 08/2022

Bangalore

#### Achievements/Tasks

- Successfully implemented **Micro Frontend** with **Angular(12)** which improved scalability, increased development speed, and allowed for better code management, resulting in timely delivery of client requirements and change requests.
- Collaborated with functional and design teams to develop interactive UI components based on material design system and W3C Accessibility Standards. Built **19 UI components** for the component library, resulting in a **32%** reduction in completion time for functional stories.
- Possess experience using **RxJS** operators, **ngRx** for state management and unit testing Angular components using **Jasmine** and **Karma**, which improves the functionality and efficiency of applications.
- Implemented **Storybook** for building UI components in isolation, aligning the design system component library across different applications suite and leading to consistent design language.



## SKILLS

HTML5

CSS3

SCSS

Bootstrap

JavaScript

Jquery

Typescript

Angular 14

RxJS

Lit Elements

Jasmine

MicroFrontend

Adobe Experience Manager



## EDUCATION

### Bachelor of Technology in Information Technology

JIS COLLEGE OF ENGINEERING, KOLKATA

07/2013 - 07/2017  
8.63 (DGPA)



## CERTIFICATES

Google Cloud Essentials (10/2020)

Google QwikLabs

Angular (Basic) Certificate  
(06/2020)

HackerRank

JavaScript (06/2020)

HackerRank

## WORK EXPERIENCE

### Lead Engineer HCL TECHNOLOGIES LTD

02/2020 - 04/2021

Bangalore

#### Achievements/Tasks

- Implemented complex UI logic on a **Ansible** automation project for a reputed bank that provides automation across different internal business, using a tech stack of **Angular, Angular Material, Bootstrap 4, Flask, Ansible, ELK, OpenShift**.
- Refactored old code base by using reusable components which reduced the bundle size by **20%**, improving the code maintainability and performance. Also resulting in faster completion of functional stories with an overall **15%** less time.
- Analysed core **web vitals (LCP, FID, CLS)** and optimized code to increase the page load time by **22%**, enhancing user experience and engagement.
- Collaborated with back-end engineers to agree on the API request/response structure and later integrate with those backend REST API.
- Mentored **2 junior developers**, helping them improve their **Angular skills** and delivering high-quality code. Provided code reviews, feedback, and guidance on best practices.

### Associate IT consultant Ite Infotech

12/2017 - 01/2020

Bangalore

#### Achievements/Tasks

- Sudeya Portal Implementation:** Played a key role in implementing the Sudeya portal, which is used to manage invoices, transactions, payments, clients, reports, and other financial data for clients of ABB. Using HTML, CSS, JavaScript, and Angular.
- Spicejet Royalty Dashboard:** Developed of a responsive layout for the newly added Spicecash and SpiceClub modules using HTML5, CSS, JavaScript, and jQuery. This project was completed within a tight deadline and resulted in a highly functional and aesthetically pleasing dashboard.
- Honeywell Uniformance Project:** Contributed to the implementation of new functionality for existing applications. created reusable JavaScript code and wrote unit testing to ensure that it is bug-free and efficient.
- Working experience in **Adobe photoshop, Figma**.
- Possess experience in Data visualization tool (**TABLEAU**), and javascript charts (**Highcharts, chart.js**).
- Experience with version management system **GIT/SVN/BitBucket**.

## INTERESTS

Listening Music

Photography

Cooking



## HONOR AWARDS

Best Personality Award (07/2017)  
JIS College of Engineering

Applause Award (10/2021)

Deloitte

- Awarded Applause award for outstanding project contribution and collaboration

Indoor sports championship (2022)

ServiceNow

- Awarded 1st prize for winning PS4 Fifa 2022 competition

Star Award(AHM) (04/2023)

ServiceNow

- Awarded for outstanding contributions in high impact business areas



## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency