Tanushree Mandal
UI Frontend Developer

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PROFESSIONAL SUMMARY

Proficient in **Angular framework** with 6+ years (80 months) of experience including developing, implementing and delivery high quality web applications. Skilled in translating design concepts into fully functional applications. A fast and eager learner, I am detail oriented and adapt to changing project requirements quickly to meet business goals.

SKILLS

- **Technologies**: Angular, JavaScript, HTML5, CSS3, Angular material, RxJS, NgRx, Typescript, Bootstrap, ICMS, NVDA, Axe, IBM Cloud, SASS, NPM, Testing, Angular CLI

- **Development Tools**: Git, Jira, Bitbucket, VS code, SonarQube, Agile Methodology, Scrum, Jenkins, Figma, Confluence

- **Professional Competencies**: Project Management, BFSI Domain Knowledge, US Banking, Supply Chain, Team building and management

- **Certifications**: Banking Industry Jump Start badge from IBM, AWS Cloud Practitioner, IBM Certified Advocate - Cloud v1, Angular and JavaScript - Udemy

PROFESSIONAL EXPERIENCE

- **IBM** Kolkata, India
  Senior System Engineer *Oct 2021 - Present*
  - Managed and Optimized **supply chain** operations for a leading company which is home improvement retailer in the US
  - Provided an **Automated Dispute Resolution platform** which helps **real time insights** into different discrepancies across supplier and vendors for better dispute resolution and to gain the supplier trust
  - Implemented **Angular graphs** to enhance **metrics** visibility in dashboard interface, resulting in improved **data analysis** and **decision-making capabilities**
  - Utilized **wireframes** provided by the design team to implement **responsive** and visually appealing **user interfaces** in Angular, ensuring alignment with project requirements and **design** specifications
  - Developed a **Consignment Cost Workflow** tool which will help in enabling them with process to negotiate, adjust cost and retails with **margin goals** and to provide SKU Cost visibility after consumption for their consignment goods
  - Lead a team of frontend developers in the implementation of Angular-based projects, providing **guidance, mentorship,** and **technical expertise** to ensure timely and high-quality deliverables
  - Successfully managed projects through the entire **Software Development Life Cycle (SDLC)**, from initial requirement gathering to deployment and maintenance phases
  - Conducted performance evaluations and provided constructive feedback to team members to support their professional **growth and development**. Proven track record in adeptly managing a team of highly productive software development resources, coupled with demonstrated expertise in capability **planning and resource allocation**. Consistently ensured optimal resource utilization while achieving project milestones and delivering exceptional results.
  - Utilized advanced debugging techniques and collaborated with cross-functional teams to troubleshoot critical production incidents
  - Familiarity with optimizing data retrieval and reducing server load through front-end caching strategies

- **Tata Consultancy Services** Kolkata, India
  Information Technology Analyst *July 2017 - Oct 2021*
  - Designed and developed a **smart search** engine from scratch, revolutionizing user search experience. Implement intuitive **user interfaces** to seamlessly provide suggestions, FQA articles and curated **video** contents, enhancing user engagement and satisfaction. Integrated a chatbot interface to facilitate user interaction, provided real-time assistance
  - Collaborated with **UX designer** and **back-end** developers to define and maintain **REST API** endpoints to ensure a compelling user experience across all search functionalities

- Developed and enhanced many **ADA-compliant (American with Disabilities Act)** projects using angular, specifically tailored to assist blind individuals in seamless website navigation through **screen reader** technologies like **NVDA**
- Utilized the **Axe** tool for accessibility testing to ensure compliance with **WCAG** standards
- Implemented **responsive** design principles to ensure optimal viewing and functionality across various devices, including desktop, mobile and tablet
- Demonstrated expertise in building modular **reusable web components** and design system, enhancing **scalability** and **maintainability** in development practices.
- Implemented **Test-Driven Development** (TDD) methodologies to rigorously test components, ensuring its **reliability**
- Designed and developed **HTTP client-server** architectures for various projects, optimizing its **performance**
- Spearheaded efforts to ensure adherence to best practice in **privacy**, **security** and **quality assurance**, fortifying the integrity and reliability of products

Projects

- **Movie Ticket Booking**: Created a dummy web application in which user can book movie seats and tickets through online
- **Link Cards to PayPal**: Implemented a web application to link cards to PayPal, an eligible user can link their cards to PayPal after receiving OTP

Education

- **Asansol Engineering College** — Kolkata , India
  Bachelor of Technology in CSE — *June. 2013 – May. 2017*

Achievements

- **Supply chain Excellence Award** : Through efficient project management and teamwork, Received Excellence award for delivering critical requirements in a short time
- **TCS special Award** : Special award for Quiz on Agile methodology
- **ON THE SPOT Award** : Received 3 on the spot award for performance in various projects in TCS
- **GO FOR GOLD as a Team** : Received gold certification as a team for working Go For Gold initiatives as a part of code quality and security

Positions of Responsibility

- Interviewer and Mentor
- Interviewed and trained 7-8 new joiners at work
- Coordinated the organization to celebrate international Women's Day celebration

Hobbies

- Travelling
- Swimming
- Listening to music