

# Umesh Manglani

Sr VP (UI Specialist) @ BNY Mellon Innovation Center, Singapore

Experienced Front-end expert with 18+ years of expertise (12 years as Fullstack) in creating innovative web applications and digital solutions. Proven track record of delivering high-quality software products for diverse industries.

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## WORK EXPERIENCE

### Sr VP (UI Specialist) @Innovation Center

BNY Mellon

02/2018 onwards

Singapore

In my current role, I serve as a seasoned developer with extensive expertise in front-end technologies. My proficiency in Angular and React has been instrumental in crafting dynamic and responsive user interfaces, seamlessly blending aesthetics with functionality.

#### Recent achievements

- Successfully implemented microfrontend architectures, optimizing the scalability and maintainability of our projects (angular 16, angular module federation).
- Built front-end applications for a private blockchain project within the bank. The admin portal allows onboarding of users and configuring NFTs. The main application lets users view their wallet and access marketplace to perform transactions on NFTs (React, Python, Nodejs, SASS).
- Developed InsightIQ web application which allows sales and marketing team to access client opportunities across line of businesses. Worked closely with back-end team to ensure seamless API integration (Angular 14, Redux, Python and Oracle).
- Additionally, my skills extend to the back end, where I utilize Python for server-side development, ensuring a holistic approach to application architecture.

I am well-versed in state management using Redux, ensuring

## SKILLS

JavaScript & ES6

Angular

React

Typescript

Redux

React-Native

RxJS

Webpack

SASS

CSS3

Styled-Components

Storybook

D3js

Micro Frontend

Highcharts

AG-Grid

Figma

Git

Docker

Agile

REST APIs

SQL

Testing (Jest, Karma)

Python

Blockchain (Web3)

Azure Beginner

Power BI

C#

MongoDB

Java/Spring

Gen AI

## STRENGTHS

efficient and predictable handling of data across complex applications. This multifaceted skill set has empowered me to lead and contribute to projects that demand a comprehensive understanding of both front-end and back-end technologies, fostering innovation and excellence in every aspect of development.

## AVP - UI Specialist

DBS (via NTT Data)

03/2017 - 02/2018

Singapore

In my capacity as a front-end specialist developer, I have accumulated substantial experience leveraging React, Redux, and JavaScript to engineer cutting-edge web applications.

During my short tenure in DBS, I worked on a remittance application called SmartSend. My proficiency in React has enabled me to create dynamic and interactive user interfaces, providing users with seamless and engaging experiences in SmartSend. The integration of Redux into my skill set has allowed me to efficiently manage state in this complex application, ensuring data flows predictably and consistently.

## Sr IT Analyst

Barclays Investment Bank

08/2009 - 12/2016

Singapore

As a seasoned full-stack developer, I have accumulated extensive experience utilizing a robust technology stack, including C#, ASP.NET, Angular, and JavaScript. On the back end, my proficiency in C# and ASP.NET along with SQL and Oracle has empowered me to architect and develop scalable and efficient server-side solutions. Leveraging these technologies, I've successfully created robust APIs and backend systems that form the backbone of our applications.

On the front end, my expertise extends to Angular and JavaScript, enabling me to design and implement dynamic, responsive, and user-friendly interfaces. The combination of these technologies has allowed me to deliver seamless end-to-end solutions, ensuring a cohesive user experience.

I was leading my department to perform business continuity and disaster recovery exercises throughout the year.

### Achievements

- Data Manager, a web based ETL tool developed using C#, ASP.Net, Oracle and JavaScript. I led a team of 4 developers with me to build this orchestration tool for over 2 years. It has a

Expertise in Modern Web Technologies

User-Centric Design Philosophy

Performance Optimization

Agile Methodologies

Continuous Learning

Excellent Problem Solving

Team Player & Mentor

## LANGUAGES

English

*Full Professional*

Hindi

*Full Professional*

German


*Learning*

## CERTIFICATES

### Microsoft Azure Fundamentals

Azure 

### Microsoft Certified Professional

HTML5, CSS3, JavaScript 

## EDUCATION

### 'A' Level in Computer Science

DOEACC, New Delhi, India

### Junior College in Science

Physics, Chemistry, Mathematics

## INTERESTS

Creative Designs

Billiards

standalone multithreaded desktop application which runs the jobs. The web portal is to configure, maintain and view jobs and historical data.

Poker

Travel

Music

## Project/Team Lead

### XChanging

04/2008 - 03/2009

Pune/Singapore

In my 1.5 years of tenure in XChanging, I worked as a Fullstack developer and also leading a team of junior developers. Few of my achievements are:

- Designed eLog web application for DHL (Logistics domain) using C#, Asp.Net, JavaScript, Web Services and SQL Server
- Converted legacy MIS reports to custom reports using C#, Asp.Net, DevExpress and SQL Server
- Involved in day-to-day reporting and part of infrastructure team

## Technical Lead

### Urgent Technology

03/2007 - 03/2008

Gurgaon, India

- Designed WinForm application – Procurement, a reporting tool to create and distribute daily, weekly and monthly reports for Lend Lease, USA. It was created using C#, LINQ, SQL Server, Infragistics
- Designed custom website template in C#, using SharePoint APIs for British Petroleum, USA

## Project Lead

### Teleperformance

12/2005 - 03/2007

Gurgaon, India

- Worked on CTI (computer telephone interaction) web applications for Dell, IBM, AOL, MSN, Disney etc, using C#, Asp.Net, Web Services and CTI APIs
- Visited USA to train team on web technologies front