



# Mangesh

## Datar



Staff Engineer

### Professional Summary

Experienced FrontEnd Developer with 6+ years of expertise in building scalable web and banking applications using Angular , Ionic , Backbase Technologies.

Proven Track record in Enterprise banking solutions , secure authentication and accessibility compliance UI development.

### Education

- Bachelor of Engineering, Computer Engineering, Pune University , Pune , Maharashtra , India

### Training and Certifications

- Microsoft Cloud Certification - Azure(Fundamentals)
- Trainings on javascript, angular, Project Management

### Skill Set

- Areas of competencies includes high-performance website architectures, object-oriented design/patterns, banking application architectures, Frontend development system architecture, and micro-frontend architecture.

#### Programming Languages

- JavaScript, TypeScript

#### Web Technologies

- Angular , HTML5 ,CSS3, jQuery, AJAX, XML, Web API, Bootstrap

#### APIs and middleware

- RESTFul API, JSON, Web Services.

#### Database

- MYSQL Server,MongoDB.

#### Tools and platforms

- Jenkins,github, JIRA, Visual Studio, Confluence.

### Honors and Awards

- EOTM(Employee Of The Month)
- Star Award(Twice)



## Recent Projects

### Project name **Private Banking - Trust**

#### Client

A financial services group in America offering banking and retail banking services as well as insurance, asset management, and wealth management.

#### Duration

May 2022-Jun 2025.

#### Description

The project involved developing banking services for any customer which has high wealth values, they can use these private banking trust services.

This is the application for managing the trust and fiduciary services.

Like Trust management, Investment Portfolio, Assets & Stocks, Other wealth Applications.

The end user will always be the private banker, operational team, trust operators.

#### Technology Stack

Angular 13, Javascript, Typescript, Bootstrap, ag-grid-angular, RxJs, NgRx, java, spring-boot, hibernate, MySQL

#### Responsibilities

- Developed and maintained high-performance, scalable Angular 15 applications for the banking sector, optimizing rendering performance and ensuring a seamless user experience.
- Modernized Trust & Wealth Management Portal by leading migration from Angular 8 to Angular 15, improving performance by 40% through lazy loading and standalone components.
- Engineered Data Grid Solutions using AG-Grid Angular Enterprise, developing 15+ customized cell renderers/editors for financial data presentation and reducing grid load time by 35%.
- Architected Dynamic JSON-to-UI Framework that automated rendering of 50+ reusable components, cutting development time for new forms by 60%.
- Optimized Form Processing by implementing Reactive Forms with RxJS, reducing unnecessary API calls by 45% through client-side validations and debounce techniques.
- Full-Stack Feature Development for critical banking modules including: Transaction processing system handling \$2B+ daily transfers. KYC (Know Your Customer) workflow automation. Role-based authentication/authorization framework ensures a seamless user experience.

### Project name

### **Retail Banking Solution(Backbase Platform)**

#### Client

Banking and financial services company.

#### Duration

Jun'2021 - May'2022

#### Description

The project involved Internet Banking. Now easier than ever, with high-level security encryption so you can bank conveniently and securely, you can now manage your bank accounts and card payments.

#### Technology Stack

Backbase, WA3, Journeys, Angular, RxJS, SCSS, Docker.



## Responsibilities

- Developed and maintained a retail banking web application using the Backbase platform and Angular framework.
- Specialized in modern frontend technologies including HTML, CSS/SCSS, TypeScript, Angular (components, directives, pipes, services), RxJS operators, lazy-loading, and routing to deliver a responsive and performant user experience.
- Leveraged Widget Architecture 3 and the Backbase Design System to implement a journey-based architecture following the Adopt-Extend-Build model.
- Ensured application security using AuthGuards and HTTP Interceptors for route protection and secure API communication.
- Implemented Angular i18n with @angular/localize to support multilingual interfaces (English and Arabic).
- Delivered key retail banking features such as account management, card services, statement tracking, and financial transactions.
- Achieved WCAG 2.1 AA compliance, including Right-to-Left (RTL) support for Arabic layouts.
- Designed and integrated JWT-based authentication flows including user onboarding (sign-up, sign-in, and password recovery).

## Project name

### AWS Web Conference

## Client

Cloud Computing services company.

## Duration

Jun'2018 - Jun'2021

## Description

The project involved a learning conference for the global cloud computing community, hosted by Amazon Web Services (AWS).

It's a major event for AWS, featuring keynotes, technical sessions, workshops, and networking opportunities focused on the latest cloud computing innovations and best practices.

The conference is aimed at a wide range of attendees, including developers, engineers, system administrators, architects, and IT executives.

## Technology Stack

Ionic Framework , Angular , HTML , SCSS , cordova , github , Javascript Typescript.

## Responsibilities

- Developed cross-platform hybrid mobile applications for Android and iOS using Ionic 4 and Angular framework.
- Built custom reusable components using SCSS, HTML, and CSS, tailored to specific UI/UX requirements.
- Utilized core Ionic UI components such as ion-card, ion-header, ion-picker, and ion-input to create a responsive and native-like mobile experience.
- Integrated native device functionalities using Capacitor plugins for features like camera access, image gallery, and geolocation tracking.
- Contributed to key app modules including login , booth management, seat booking, catalog browsing, and transportation coordination.
- Ensured performance optimization, smooth navigation, and consistent user experience across platforms.

