

SOMENDRA NATH TRIPATHI

Frontend / Angular Developer

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PROFESSIONAL SUMMARY

Frontend Developer with **4+ years of experience** in building scalable, high-performance **Angular applications** across enterprise environments. Strong expertise in **Angular (v12-v16)**, **TypeScript**, **JavaScript**, **RxJS**, and modern UI development. Proven experience in **migrating legacy Oracle OJET applications to Angular**, improving UI performance by up to **30%**, and delivering reusable, maintainable component-based architectures. Passionate about building clean, efficient user interfaces and contributing to impactful software solutions.

PROFESSIONAL EXPERIENCE

Capgemini India Pvt. Limited

Oct 2021 – Nov 2025

Senior Software Engineer(Angular Developer)

Pune, India

- Developed and maintained **enterprise-level Angular applications** for banking and insurance clients, ensuring scalability and performance across multiple modules.
- Improved application **rendering performance by ~30%** through UI optimization, efficient API handling, and better component design.
- Migrated **legacy Oracle OJET modules to modern Angular architecture**, enhancing maintainability and long-term scalability.
- Designed and implemented **reusable Angular components and shared services**, reducing development effort and improving consistency across the application.
- Integrated RESTful APIs using **RxJS operators** such as map, switchMap, and catchError to manage asynchronous data flows effectively.
- Implemented **unit testing using Karma and Jasmine**, increasing overall code coverage to **around 80%**.
- Debugged and resolved production issues, improving application stability and user experience.
- Collaborated with cross-functional teams, scrum masters, and clients to understand requirements and deliver features within defined timelines.
- Actively participated in agile ceremonies including sprint planning, daily standups, and retrospectives.

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)

Issued: June 2024

TECHNICAL SKILLS

Frontend Technologies

- Angular (v12-v16)
- TypeScript
- JavaScript (ES6+)
- HTML5
- CSS3
- SCSS

UI Libraries & Tools

- Angular Material
- Bootstrap
- Chart.js

Legacy & Other

- Oracle OJET
- RESTful APIs
- Agile / Scrum

Angular Expertise

- Component Architecture
- RxJS & Reactive Programming
- Lazy Loading & Routing Guards & Interceptors
- Change Detection & Performance Optimization
- Reactive & Template-Driven Forms

Testing & Tools


- Karma
- Jasmine
- Git
- GitHub

Tools

- VS code
- Postman


PROJECTS

Employee Management System – Angular 16

GitHub: <https://github.com/Somendra1298/EmployeeManagementSystem> 

- Developed an **Employee Management System** using **Angular 16 and Angular Material** with modular, component-based architecture.
- Implemented CRUD operations, form validations, and role-based UI behavior.
- Used **RxJS and REST APIs** to handle asynchronous data flow and state updates.
- Designed reusable components and services to improve maintainability and scalability.
- Followed best practices for folder structure and clean code standards.

Shopping Cart Application – Angular

GitHub: <https://github.com/Somendra1298/shopping-cart> 

- Built a **Shopping Cart application** using Angular with product listing, cart management, and pricing logic.
- Implemented add-to-cart, remove, quantity update, and total calculation features.
- Managed application state using services and RxJS observables.
- Focused on performance optimization and clean UI design.

Personal Portfolio (Angular)

- <https://github.com/Somendra1298/AngPortfolio>
- Live: <https://ang-portfolio-lemon.vercel.app>
- Developed a responsive personal portfolio application using Angular 16 and modern UI practices.
- Implemented component-based architecture, routing, and reusable UI components.
- Added email functionality and basic animations to enhance user interaction.
- Ensured cross-device responsiveness and deployed the application using Vercel.

EDUCATION

Rungta college of Engineering & Technology

Bachelor of Technology (Information Technology)

2016 - 2020 Percentage: 70%

2016 – 2020

Bhilai, Durg,
Chhattisgarh