

# Sonal Ghadge

## Front End Developer | 2 Years of Experience / Graduate

☎ +91-8411860267 | ✉ [sonalghadge8@gmail.com](mailto:sonalghadge8@gmail.com) | 💻 <https://www.linkedin.com/in/sonal-ghadge-aa52b4253> | 📍

Pune, India

## EXPERIENCE

### Front End Developer

#### Artcode Pvt limited

📅 July 2023 - Present

- Developed and maintained scalable Angular(15,16,17) applications,ensuring responsiveness and improving UI performance by 40%
- Built RESTful APIs using Node.js and integrated them seamlessly with Angular Frontend and optimized API calls,reducing load time by 20%
- Worked on a Kafka-based event-driven architecture ,improving real-time data processing efficiency
- Implemented AWS services for cloud-based deployment, authentication and serverless functions
- Enhancing data retrieval speed and performance also developed dynamic and interactive UI components using Angular, Typescript and RxJS
- Implemented PDF generation using html2pdf.js also collaborated with cross-functional teams for seamless backend integration and API security enhancements.
- **Technologies Used:** Angular (15, 16, 17). TypeScript, Rxjs, Node.js, AWS S3, DynamoDB,SQL,REST APIs,HTML,CSS .

- Performance Optimization: Enhanced caching mechanisms and optimized SQL queries with stored procedures, significantly reducing API response times and improving bulk load performance
- Multi-login System: Implemented seven distinct user roles, including IQAC department,teacher,Account,office,library and scholarship
- Frontend Expertise:Utilized Angular best practices, including lifecycle hook and Reactive Forms, lazy loading and performance optimization
- Backend Integration: Designed and consumed RESTful APIs with Spring Boot, ensuring secure and efficient data exchange

#### ■ Technical Stack:

**Frontend:** Angular 15, HTML, CSS, Bootstrap, Rxjs,Typescript JavaScript

**Backend:** Java, Spring Boot 3.x, Spring Data

## 2. Transfer Food-International Food-Sharing Platform

- Designed and maintained services using Angular 17 for the frontend and java Spring boot for the backend
- Secure Buyer and Seller System: Designed a structured multi-role system where food sellers list and verified by admin
- Scalable Microservices Architecture: Developed RESTful APLIs using Spring boot with AWS S3 for serverless processing ensuring high availability and scalability
- Integrated with dynamoDB database also utilized AWS S3 for image storage

#### ■ Technical Stack:

**Java, Spring Boot,** Spring Data , AWS S3, Kafka Integrations ,**AWS** ECS, Bitbucket, Postman for API testing,Angular17,HTML,CSS,Rxjs,Bootstrap,TypeScript,JavaScript

## 3. CPA-Chartered Professional Accountant Document Management System

- Designed and maintained services using Angular 17 for frontend and java Spring Boot for backend
- Secure Document Management also implement the RESTful with Spring Boot, optimized SQL queries and enhanced performance
- Real-time Chat System: Integrated Api Services for

## TECHNICAL SKILLS

### Programming Languages

- TypeScript,JavaScript,HTML5,CSS3

### Frameworks & Libraries

- Angular(Versions 10+),RxJS,NgRx,Node.js

### Version Control

- Git/Github/Bitbucket

## PROJECTS

### 1. NAAC-Multi-Role Management System for Educational Institutions

- Developed and maintained services using Angular for the frontend and Java Spring Boot for the backend.

secure communication between User and Clients

- Security and Compliance: Ensured data encryption,JWT-based authentication and compliance with financial data security regulations.

■ **Technical Stack:**

**Frontend:** Angular 15, HTML, CSS, Typescript

**Backend:** Java, Spring Boot 3.x, Spring Data

#### 4. Library Module: College CRM System

- Designed and maintained services using Angular 17 for frontend and java Spring Boot for backend
- Purchased Order & Invoice Management also maintained the vendor details

■ **Technical Stack:**

Angular 15, HTML, CSS, Typescript,java  
Springboot

## EDUCATION

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**B.E. (CSE)**  
**73%**

**P.K.Technical Campus**  
 **2012 - 2016**

**HSC**  
**72%**

**HRM College Rajgurunagar**  
**2010 - 2012**



## CERTIFICATIONS

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PG DAC | Fullstack (2022-2023) | (CDAC Hyderabad)