

# CV | SANDEEP YADAV

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## PROFESSIONAL SUMMARY

Innovative and results-oriented Full-Stack Developer with **20+ years of experience**, specializing in UI technologies **Angular, TypeScript**, and the **Ionic mobile framework**. Proven ability to deliver **cutting-edge**, high-performance web and **hybrid mobile** applications that exceed client expectations.

Expert in crafting elegant, **scalable solutions** with a strong focus on user experience, responsive design, and performance optimization. Extensive experience in developing **enterprise-grade desktop web applications** and hybrid mobile apps aligned with modern web standards.

## EMPLOYMENT HISTORY

### ANGULAR TECHNICAL TEAM LEAD & UI ARCHITECT

09/2019 to Current

#### HSBC Bank

- **Project** : Hsbc **Trading Audit** Responsive Web Application.
  - Led the design and development of a high-performance Micro Web Application, enabling faster time-to-market and significantly improving UI responsiveness.
  - Built a scalable **Micro front-end architecture** using Angular v19 & Module-Federation
  - Spearheaded the evaluation and integration of open-source UI component libraries (PrimeNG & AG-Grid), eliminating the need for commercial licenses and delivering substantial savings.
  - Managed and mentored a cross-functional team of 10+ UI developers and QA engineers, providing technical leadership in TypeScript development and best practices.
  - Developed a **Node.js-based Kafka consumer** service for real-time push notification event handling.
  - Oversaw **UI performance and load testing** using HP Performance Center, ensuring application scalability and stability.
  - Designed a mock server environment to support UI automation testing, streamlining QA processes and reducing test cycle times.

### ANGULAR TECHNICAL LEAD

08/2017 to 08/2019

#### Barclays Bank

- **Projects** : Barclays Responsive Web Application & Hybrid Mobile.
  - Led the development of Barclays' hybrid mobile application using Angular 7, TypeScript, and the Ionic framework, delivering a seamless cross-platform user experience.

- Designed and implemented responsive web applications with Angular 7 and Clarity Design System, optimizing UI consistency and performance.
- Streamlined state management by integrating NgRx (Redux pattern), enhancing application maintainability and scalability.
- Accelerated development timelines by building reusable UI components and publishing them as internal npm libraries.
- Achieved significant cost savings by identifying and implementing the open-source Clarity UI component library, eliminating the need for commercial alternatives.
- Led the development of Barclays' hybrid mobile application using Angular 7, TypeScript, and the Ionic framework, delivering a seamless cross-platform user experience.
- Designed and implemented responsive web applications with Angular 7 and Clarity Design System, optimizing UI consistency and performance.
- Streamlined state management by integrating NgRx (Redux pattern), enhancing application maintainability and scalability.
- Accelerated development timelines by building reusable UI components and publishing them as internal npm libraries.
- Achieved significant cost savings by identifying and implementing the open-source Clarity UI component library, eliminating the need for commercial alternatives.

#### **SENIOR ANGULAR DEVELOPER**

08/2016 to 08/2017

##### **TalkTalk Pvt Ltd.**

- **Project:** Mobile retail sales journey web application.
- Leveraged latest angular component changes to develop Talktalk retail sales journey website using Angular v2 & Node.js.

#### **SENIOR ANGULAR DEVELOPER**

04/2015 to 07/2016

##### **Boots Pvt Ltd- BeautifulYou.BootsBetalabs.com**

- Excelled in analysis and build of software from conception through implementation.
- Mentored team of 5 developers as UI technical lead.
- Developed SPA using AngularJS v1.4 & ES6

#### **SENIOR ANGULAR DEVELOPER**

01/2015 to 03/2015

##### **Skills Funding Agency - Gov.UK**

- **Project:** High Traffic Web Portal ( Gov.uk/apply-apprenticeship ).
- Built Responsive AngularJS Prototype for single page application.
- Delivered Azure App insight & Web test Configuration.

#### **SENIOR ANGULAR DEVELOPER**

08/2014 to 12/2014

##### **Landmark Information Group**

- **Project:** Map Data Information/Retail ( promap.co.uk )
- Adjusted existing angular project parameters to boost performance and incorporate new features for meeting customer needs using AngularJS & azure MVC APIs.

## SENIOR FULL STACK DEVELOPER

07/2011 to 08/2014

### **Dunnhumby Pvt Ltd.**

- Designed & developed Real Time Engine api for tesco using Web APIs.
- Developed Clubcard Challenge app using AngularJS, MVC4, c#.net.
- Developed Azure PAS, Azure Service Bus, Sql Azure, Sqlite.
- Played scrum master role.

## SR. .NET WEB DEVELOPER

01/2011 to 07/2011

**Financial Express**, Designed & developed the c#.net MVC3 UI layer using Razor View, Javascript, jquery, Ajax.

## SR. .NET WEB DEVELOPER

10/2009 to 01/2011

**HCL Technologies**, Developed outlook plug-ins using VSTO2008 with c#.net.

## SR. .NET WEB DEVELOPER

10/2008 to 10/2009

**Cognizant Technology Solutions**, E-Commerce Website development

## SR. .NET WEB DEVELOPER

09/2007 to 10/2008

**Cerillion Technologies**, Telecom Website development

## WEB DEVELOPER

06/2005 to 09/2007

**Ameriteck Global IT Solutions**, E-Commerce Website development

## ACCOMPLISHMENTS

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- Took over a hybrid mobile application project after the original team lead abruptly left the company and completed the project prior to the estimated deadline and within budget.
- Saved huge license cost of purchasing commercial UI component library by researching and finding open-source cost-saving UI component library clarity.
- Created re-usable npm library to be used across the various front-end projects.

## KEY SKILLS

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### **Scripting Languages (Front End Skills)**

- Results-driven Front-End Architect with **20+ years of experience** in JavaScript and modern front-end technologies, including **deep expertise in Angular (v7-v19)**, TypeScript, and AngularJS.
- Proven track record in designing and **architecting Micro-Web Single Page Applications (SPA)**, delivering high-performance, modular alternatives to monolithic architectures.
- Skilled in developing **scalable and maintainable applications** using NGRX for state management, ES6, and Node.js.
- Extensive hands-on experience with **front-end testing and automation** using Jasmine, Protractor, and test-driven development practices.

- 10+ years of experience with modern build tools and preprocessors including Webpack, Grunt, Babel, and SASS, optimizing build pipelines and front-end performance.
- Strong background in mobile app development using the Ionic framework and responsive UI design with Bootstrap and HTML5.

### Cloud Technologies

- Azure Storage (Queue, Blob, Table), Azure Service Bus, Sql Azure, MSMQ

### Server Side Technologies

- 13+ years experience of C#, .Net, SQL Server, Sql Azure, SQLite, Oracle
- 3+ Years experience of Couchbase (NoSql Database)

### Principles

- IoC/Dependency Injection, OOPS, SOLID, DRY, Asynchronous programming

### Tools & CI

- GIT, TFS, Docker, Team-City, Jenkins, SVN, N-Cover
- HP Performance tool, Virtual Table Server
- Cucumber E2E tool, JIRA, ReSharper, Visio, Spec-Flow

## CERTIFICATIONS

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- Microsoft Certified HTML5 & JavaScript Developer

## EDUCATION

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Bachelor of Engineering - **First Class with distinction** - Pune University - India

2005

## PERSONAL INFORMATION

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- Nationality: *British*
- Won state level Badminton championships