

# SAGAR DOBARIYA

## Languages

C# · JavaScript  
VBA · PowerShell  
YAML · XAML · HTML5  
CSS

## Database/ORM

MS SQL · SQLite  
Entity Framework Core  
ADO.NET · LINQ  
Mongo DB · Prisma  
Mongoose

## Framework /Libraires

.Net Framework 4.5+  
.NET 7 · MVC · WCF · WMI  
WinForms · WPF  
React · Redux Axios  
Next.JS Node JS  
Angular Docker · Tailwind  
Bootstrap

## Azure /Cloud

Web Apps · Functions  
Storage Services  
Identity · DevOps  
Key Vault  
API Management  
CI/CD

## Software Developer

+61 0405 778 925

Sydney, NSW

[infodsagar@gmail.com](mailto:infodsagar@gmail.com)

<https://sagar-info.netlify.app/>

## SUMMARY

As a passionate .NET developer, I specialize in creating user-friendly software powered by sophisticated algorithms using C#, JavaScript, CSS and SQL. I have the ability to develop bespoke solutions that perfectly align with business requirements, placing significant emphasis on security and scalability as paramount considerations.

## EXPERIENCE

### Software Engineer

02/2023 - Ongoing

#### Apollo Group

Sydney

- Oversaw the successful migration of the current workflow to web technology, leading to the delivery of a cloud-based project management system.
- Collaborated closely with the end user, CIO and Tech Lead to gather requirements, incorporating feedback that led to a 20% improvement in project management and collaboration processes.
- Developed role-based protected RESTful APIs by leveraging Azure AD to authorize and authenticate users. in .NET, seamlessly integrating with existing data sources, resulting in a 40% reduction in data transfer time and improved project tracking.
- Leveraged Azure Database for PostgreSQL, EF Core and Azure Web Apps, optimizing data integrity, performance, and availability, resulting in a 25% reduction in system downtime.
- Proficiently established Angular project, integrated APIs, managed data flow, employed RxJS Observables, and executed comprehensive unit tests using NUnit and Jasmine, resulting in a 35% decrease in post-deployment bugs.
- Implemented Azure Pipelines, automating the build, test, and deployment processes, achieving a 50% reduction in manual effort and ensuring 98% successful deployments.
- Implemented state management using NgRx, enabling efficient handling of complex data flows, improving scalability, and reducing application crashes by 15%.
- Demonstrated a commitment to continuous learning, staying updated with the latest technologies, frameworks, and best practices in .NET, Angular, and Azure development, resulting in a 20% increase in development efficiency.

### Software Engineer

06/2021 – 02/2023

#### Service NSW

Parramatta

- Played a vital role in the digitalization of employee onboarding, offboarding, and training team, facilitating seamless transitions and delivering effective training programs.
- Developed interactive and responsive user interfaces using React.js and TypeScript, Tailwind and Material UI resulting in highly engaging training web applications.
- Implemented robust front-end logic and behavior, covering state management, data fetching, and form handling, resulting in a 25% improvement in user satisfaction and data accuracy.
- Successfully integrated with back-end REST APIs using Axios, ensuring smooth data communication and efficient data serialization and deserialization processes.
- Leveraged modern JavaScript and TypeScript features to produce clean and maintainable code, reducing code complexity by 30% and enhancing code quality.
- Proactively optimized web application performance by conducting thorough analysis and addressing identified bottlenecks, resulting in a 40% improvement in page load time and overall responsiveness.

# SAGAR DOBARIYA

## EDUCATION

### Master of Information Systems

University of Southern Queensland

02/2017 – 12/2018

### Bachelor of Computer Application

Saurashtra University

07/2013 – 05/2016

## TRAINING/ COURSES

Azure Data Fundamentals  
Microsoft Certified

Front End Development Libraries  
freeCodeCamp

JavaScript Algorithms and Data Structures  
freeCodeCamp

Responsive Web Design  
freeCodeCamp

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## EXPERIENCE

### Volunteer Developer

05/2021 – 02/2022

#### Code.Sydney

Sydney

- Volunteered the end-to-end development of the Migram platform, an innovative marketplace connecting immigrants and refugees with local communities for low-skilled work opportunities.
- Developed a robust and scalable database schema using the Code-First approach with Prisma ORM and PostgreSQL, seamlessly mapping application entity classes to database tables and relationships.
- Implemented RESTful APIs in the React application using Redux and Axios, facilitating efficient state management and seamless data communication with the backend server.
- Designed a secure login system by implementing JWT token-based authentication, ensuring data privacy and integrity, and utilizing hash and salt encryption techniques to safeguard user passwords from potential security breaches.
- Developed an interactive and visually appealing UI by combining the power of React, Tailwind CSS, and Material UI, providing a seamless user experience with modern design elements and responsive layouts.

### Software Engineer Intern

01/2021 – 06/2021

#### Tabcorp

Sydney

- As a member of a cross-functional team, I contributed to building an innovative admin panel using React, Redux, .NET, SQL, and Tailwind CSS.
- Collaborated with UI/UX designers and received mentorship to set up the development environment, understand the existing codebase, and gain a deep understanding of the project's requirements and goals.
- Worked with .NET and C# technologies to design and implement the back-end architecture, focusing on creating APIs for data retrieval and manipulation. Ensured data validation and implemented robust error handling mechanisms.
- Implemented role-based access control to manage user privileges, ensuring that each user could only access relevant sections of the admin panel based on their assigned roles.
- Assisted in the preparation of documentation, providing clear instructions on how to use the admin panel effectively and guiding the management team through its various functionalities.
- Participated in a reflective session with mentors and team members to discuss personal growth, challenges faced, and the valuable skills gained during the internship.

## PROJECTS

### Project Management Solution

02/2023 – Present

### Onboarding Web App

06/2022 - 02/2023

### Training Resources Migration

01/2022 – 05/2022

### Frontline Website Refactoring

06/2021 – 12/2021