

# Akshay Lahu Daundkar

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## Professional Summary

2+ years of relevant experience in implementing **C#/.NET /.NET CORE** technologies.

Have hands-on experience of using various programming languages, software tools & libraries like **React, React Native, C#, ASP.NET MVC Core, WEB API Core, Ajax, Html, CSS, JavaScript** and **JQuery** etc. for product development. Have initial level of knowledge about popular front-end framework **Angular**. Good knowledge of **OOPS, SOLID Principles, Design Patterns**.

- Good knowledge of **OOPS, SOLID Principles, Design Patterns** and **N-Tier Architecture**.
- Created **MVC** Action Method containing **C#** code for business and data access logic.
- Extensive experience with **MS SQL Server** writing stored procedures and queries.
- On client demand learned **React Native** & developed **Mobile** application for the same project.
- Hands on experience on **AppWrite, Firebase as BaaS(Backend as a service)**.
- Experience with **Agile SDLC** tools like **Jira**.
- Involved in writing data access layers with **C#** and **Entity Framework Core**.
- Familiar working with **Agile Scrum methodology**.
- Familiar with **Swagger UI, Postman** for **WEB API** testing.
- Developed web pages using **HTML, CSS, Bootstrap** for styling and used **JavaScript** for making dynamic web pages.
- Ability to manage multiple projects simultaneously.
- Communication skills and the ability to work efficiently, quick learning & working with new technologies to fulfil project need.

## Technical Proficiency

- **Programming Languages:** C#, LINQ, Typescript.
- **Web Technologies:** ASP .NET MVC CORE , WEB API CORE , REACT, REACT NATIVE, ANGULAR
- **Database:** MS SQL Server 2019
- **DB Communication :** Entity Framework Core, ADO.NET
- **Coding Standards:** SOLID Principles , Design Patterns, N-TIER Architecture
- **Mark-up/Scripting Language:** Java Script, JQuery, HTML, CSS, AJAX, JSON, Bootstrap.
- **Source Control:** GITHUB
- **Development Tools:** Visual Studio 2022, SQL Server Management Studio, VS Code.
- **Framework /Architecture:** .NET Framework, .NET CORE Framework
- **Operating Systems:** Windows.
- **BaaS (Backend as a Service):** AppWrite, Firebase
- **API Testing Tools:** Postman, Fiddler, Swagger UI.

## Professional Experience

- Currently working as a Software Developer in **Vhaash Technologies PVT LTD, Pune** from Oct 2021 to till date.
- **Designation** : Software Engineer

## Project Title: Yacht-Booking System (Web & Mobile Application)

<b>Front End:</b>	<b>React, React Native, Javascript</b>
<b>Backend:</b>	<b>.NET Core Web API</b>
<b>Backend as a Service:</b>	<b>Firebase, Appwrite</b>
<b>User Interface Design:</b>	<b>Chakra UI</b>
<b>Role:</b>	<b>Developer</b>

### Description:

The Online Boat Rental App is a comprehensive platform that enables users to easily search, rent, and manage boat rentals for various water-based activities. Whether users are looking for a relaxing day on a lake, an adventurous fishing trip, or a luxurious yacht charter, the app provides a user-friendly interface to explore and book boat rentals of different types and sizes. This project showcased my proficiency in **React, React Native, Firebase, Appwrite, .NET Core Web API, and Chakra UI**. Same project is developed in **Web application** and **Mobile application**.

### Technical Contributions:

- ✓ **Admin Module Development (React & React Native):**  
Implemented the Admin module responsible for boat management, enabling functionalities such as boat addition, modification, and deletion. Employed React and React Native to create a seamless and responsive user interface for both web and mobile platforms.
- ✓ **Backend as a Service (BaaS) Integration:**  
Utilized Firebase as the primary BaaS provider, leveraging its real-time database and authentication features to enhance data storage and security.
- ✓ **Appwrite Integration (.NET Core Web API SDK):**  
Developed a robust .NET Core Web API SDK integration with Appwrite, empowering the application with server-side logic and data management capabilities. Ensured secure communication between the frontend and backend, guaranteeing data integrity and privacy.
- ✓ **User Interface Design (Chakra UI):** Crafted an aesthetically pleasing and user-friendly design using Chakra UI, providing an intuitive experience for both web and mobile users.
- ✓ **Key Achievements:**  
Successfully delivered a cross-platform yacht-booking solution, enhancing boat management efficiency for both administrators and users. Seamlessly integrated Firebase and Appwrite, ensuring data consistency and reliability across the application. Implemented a responsive user interface that adapted effortlessly to various devices, improving the overall user experience.

### Responsibilities:

- Actively participating in daily scrum **meetings**.
- Giving suggestions for **story** implementations.
- Done **code review** within team.
- **Unit testing** of the developed code.
- Developing Web Page components using **React**.
- Creating user friendly, attractive screens for mobile application using **React Native**.

### Project Title: **BOOKIE-BEE**

**Front End:**        **HTML, CSS, JQuery**

**Technologies:**   **C#, .NET CORE FRAMEWORK , MVC CORE, ENTITY FRAMEWORK CORE, JAVASCRIPT, LINQ, .NET CORE WEB API**

**Database:**        **SQL Server 2019**

**Role:**             **Developer**

### Description:

The Online Book Shopping project is a web-based e-commerce platform that allows users to browse, search, and purchase different categories of books. The project is built using the **N-Tier architecture**, **ASP.NET Core MVC** framework for the front-end, for the service purpose **WEB API CORE** and uses **SQL Server** as the backend database to store product information, user data, and transaction history.

- ✓ **Architecture:** Employed MVC architecture for clean separation of concerns.
- ✓ **Repository Pattern:** Ensured data access abstraction and reusability.
- ✓ **Unit of Work:** Maintained data integrity and transaction management.
- ✓ **4-Tier Architecture:** Organized application into Presentation, Application, Domain, and Data Access layers.
- ✓ **Dependency Injection:** Enhanced code flexibility and testability.
- ✓ **Technology:** Built on .NET Core Web API for high performance and cross-platform compatibility.
- ✓ **SOLID Principles:** Adhered to industry-best practices for clean, maintainable code.
- ✓ **Front-End:** Designed a responsive UI with Bootstrap for optimal user experience.

### Key Achievements:

Developed a modular Admin Module for BOOK Booking. Ensured data consistency with Repository and Unit of Work. Followed MVC and SOLID principles for maintainability. Leveraged .NET Core Web API for performance. Enhanced user experience with Bootstrap.

### Conclusion:

The Bookie-Bee project demonstrates my ability to design and build scalable, maintainable web applications using industry-standard patterns and best practices.

### Responsibilities:

- Attending all team meetings.
- Peer code **reviews**.
- Creating and maintaining feature branches on **Git**.
- Involved in Web Designing and Coding.
- Performed unit testing, ensured quality assurance of applications through system testing.
- Developing code to do different functionalities using **Web API**.
- Involved in database **table designing** and **ADO.Net**.
- Improving database **efficiency** by writing **stored procedure**, functions in **SQL**.

### Academic Details:

Qualification	Passing Year	Board/University	Percentage
MBA(IT)	2022	Dr.D.Y.Patil University	CGPA <b>8.41</b> (1 <sup>st</sup> year)
BSc	<b>2021</b>	Savitribai Phule Pune University	<b>88.58%</b>

### Personal Information:

- **Date of Birth:** 14 Sep 2000
- **Nationality:** Indian
- **Marital status:** Un-Married
- **Gender:** Male
- **Address:** A/P: Karanjawane, Ranjangaon Ganpati, Tal: Shirur, Dist: Pune.
- **Languages Known:** English, Marathi and Hindi.
- **Strength:** Dedicated Towards My Work, Positive Approach.

**Akshay Daundkar**