

MOHAMMED ASHIQ A

Full Stack .Net Developer

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 LinkedIn |  GitHub

SKILLS

- **Front-End Development:** React.js, Tailwind CSS, Redux, Redux Toolkit, React Query, JSON, REST APIs, Figma, Material UI
- **Back-End Development:** ASP.NET Core, ADO .NET, Entity Framework, SQL Server, LINQ, REST API design, Microservices, CQRS, Clean Architecture, RabbitMQ, 3-Tier Architecture
- **Languages:** JavaScript, TypeScript, HTML5, CSS3, C#, SQL
- **Frameworks/Libraries:** Bootstrap, React.js, Material UI
- **Tools & Practices:** Git, Agile (Scrum), Collaboration, Self Learning, Continuous Learning, Self-Motivation

EXPERIENCE

BRIDGEON SOLUTIONS LLP

May 2024 to Present

- Assisted in developing web applications using ASP.NET Core, C#, and Entity Framework, contributing to clean and maintainable codebases that reduced bug rates by 20%.
- Supported the integration of front-end interfaces built with React.js, TypeScript, and Material UI, enhancing user experience and decreasing page load time by approximately 30%.
- Helped build over 30+ REST APIs to enable communication between client and server, ensuring smooth data flow and a modular, scalable backend design.
- Gained hands-on experience with user authentication and authorization using JWT and basic role-based access controls, securing access for over 250+ users.
- Collaborated with senior developers on integrating third-party services like Razorpay (for processing payments) and RabbitMQ (for asynchronous messaging), enabling reliable transaction handling and efficient background processing.
- Engaged in 20+ team meetings, code reviews, and knowledge-sharing sessions to improve understanding of full stack development and industry best practices.

PROJECTS

Smart Parking Management System – ParkEase

March 2025 to Present

- **Technologies Used:** React.js, TypeScript, Material UI, ASP.NET Core, Entity Framework, Razorpay, RabbitMQ, PostgreSQL
- Engineered a scalable multi-role system for users, company admins, and super admins to manage and monitor parking slots, enhancing operational control and reducing manual overhead by 25%.
- Created and implemented backend components using a **microservices architecture**, enabling independent service deployment and improving scalability across 3 core modules.
- Built and scheduled a lightweight **background worker** to automatically verify subscription validity, streamlining access control and ensuring real-time subscription enforcement for 100+ users.
- Employed the **CQRS pattern** with **Clean Architecture** to separate read/write operations, enabling modularity, testability, and reducing code complexity by 20%.
- Developed a **coin-based wallet mechanism** integrated with Razorpay for handling user payments, processing 150+ successful transactions during the project phase.
- Designed intuitive, responsive interfaces with React.js and Material UI, improving system usability and achieving 35% mobile responsiveness based on testing.
- Applied transactional data handling using Entity Framework and PostgreSQL to ensure data accuracy and business rule enforcement across 3 microservices.

Real Estate Listing Platform – PlotLink

January 2025 to February 2025

- **Technologies Used** : React.js, TypeScript, React Query, Material UI, ASP.Net Core, JWT, Entity Framework, PostgreSQL.
- Established a user-friendly interface using **React js and MUI**, improving user experience and reducing user drop-off by 20%.
- Crafted a property search platform using React.js and ASP.NET Core, incorporating advanced **filter logic and map integration**; streamlined property inquiries, boosting lead generation by 15%.
- Implemented **real-time chat** between users and agents using **SignalR**, reducing response time by 25% and improving engagement.
- Constructed a secure role-based **authentication system** for Users, Agents and Admin reducing unauthorized access by 20%.
- Optimized PostgreSQL queries using **LINQ**, improving query performance and reducing load time by 30%.
- Integrated automated **notifications** for inquiries and updates, increasing lead conversions by 35%.

EDUCATION

University of Calicut

September 2021 to April 2024

Bachelor of Computer Applications (BCA)

GEMS Arts and Science College, Ramapuram