

Merin Benny

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LinkedIn — GitHub — Portfolio

Professional Summary

Full Stack Developer with 5 years of experience in designing and developing enterprise applications using front-end and back-end technologies. Proficient in database design, scalable system architecture, API development, and secure application deployment. Hands-on expertise across the full software development lifecycle, including requirements analysis, design, coding, testing, deployment, and performance optimization. Strong background in agile methodologies and collaborative team environments, with a proven ability to deliver innovative, high-quality solutions. Canadian Permanent Resident.

Technical Skills

- **Languages & Frameworks:** C#.NET, ASP.NET MVC, VB.NET, .NET Framework (all supported versions), Java, Python, JavaScript/TypeScript, Angular, React, HTML5, CSS/SASS, XML
- **Databases:** MS SQL Server, RDBMS, MySQL, Hibernate, Spring Data JPA
- **Architecture & Practices:** Layered Architecture (Controller–Service–Repository), Microservices, REST API Design, Entity Framework, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), WCF Services, Role-Based Access Control (RBAC), Global Exception Handling, CORS Configuration
- **Tools & DevOps:** Visual Studio, Visual Studio Code, Git, GitHub, Team Foundation Server (TFS), Postman, Maven, Docker, AWS, Fork, Azure, Jira
- **Testing:** Unit Testing, JUnit, Mockito, Selenium, Test Automation Frameworks, Cypress

Experience

Software Developer

Dec 2022 – Apr 2025

UST Global, Remote

- Designed, developed, and supported enterprise applications using ASP.NET, C#.NET, VB.NET, and SQL Server.
- Created and optimized stored procedures, functions, and triggers to ensure high database performance and reliability.
- Built and maintained WCF services for secure data exchange and integrated multiple enterprise systems.
- Developed user interfaces with Windows Presentation Foundation (WPF) and implemented business logic using .NET Framework.
- Worked with Team Foundation Server (TFS) for version control, builds, and deployment pipelines.
- Collaborated in JAD sessions to gather requirements, document system architecture, and create UML diagrams (use cases, class diagrams).
- Provided break/fix support, troubleshooting, and defect resolution for production applications in a fast-paced environment.
- Produced technical documentation, unit tests, and deployment guides as per OPS/enterprise standards.
- Developed scalable web applications using Java, Spring Boot, Angular, and REST APIs.
- Designed and implemented layered architecture (Controller–Service–Repository) with Spring Data JPA.
- Integrated MySQL/Oracle databases with optimized queries, entity relationships, and data integrity checks.
- Built responsive UI components with Angular Material and Bootstrap.
- Implemented authentication, role-based access, and configured CORS for secure frontend-backend communication.
- Developed global exception handling using `@RestControllerAdvice` and custom exception classes.
- Supported SAP Concur users and trained end users on expenses, travel, and invoicing modules.

Programming Tutor

May 2019 – Jun 2021

Coders House, Remote

- Conducted beginner-level Python workshops covering core programming concepts.
- Demonstrated efficient coding practices using PyCharm.
- Taught best practices for writing clean, maintainable, and modular code.
- Introduced debugging techniques and proper error handling strategies.
- Guided students on version control with Git and collaborative coding workflows.
- Explained code documentation standards and importance of code readability.
- Encouraged the use of test-driven development (TDD) for small projects.

Projects

Internal Employee Attendance and Scheduling System

UST Global

- Developed a secure **attendance and scheduling portal** for employees using **ASP.NET MVC, C#.NET, and SQL Server**.
- Implemented **role-based access control (RBAC)** for employees, managers, and administrators.
- Designed **SQL Server schema, stored procedures, and triggers** for attendance tracking and leave management.
- Integrated **WCF services** to synchronize employee data between multiple office locations.
- Built dashboards and reporting modules to generate real-time **shift and leave reports**.
- Ensured maintainability by following **structured programming methodologies** and OPS coding standards.

Portfolio Website

Personal Project

- Designed and developed a personal **portfolio website** using **React, Bootstrap, and Animate.css**.
- Implemented **responsive design** with mobile-first layouts and animated transitions.
- Deployed application on GitHub Pages for continuous availability.
- [GitHub Link]

Student Profile Viewer

Freelance

- Built a **full-stack CRUD application** with **React frontend** and **Spring Boot backend**.
- Implemented **layered architecture (Controller–Service–Repository)** with Spring Data JPA.
- Added **global exception handling**, request validation, and error responses.
- Integrated **MySQL database** with entity relationships and optimized queries.
- Tested REST APIs using Postman for reliability and correctness.
- [GitHub Link]

Online Bookstore

UST GLOBAL

- Developed an e-commerce style **bookstore application** with **Angular frontend** and **Spring Boot backend**.
- Designed and implemented **RESTful APIs** for managing books, orders, and users.
- Built a **responsive UI** with Angular Material and Bootstrap.
- Configured routing, authentication, and user sessions for smooth navigation.
- Integrated with a **MySQL database** for persistence and transaction handling.
- [GitHub Link]

OVC Operations Portal

UST GLOBAL

- Designed and implemented a **microservices-based application** using **Spring Boot and MongoDB**.
- Developed modular **CRUD APIs** for operations and resource management.
- Implemented inter-service communication with REST APIs.
- Ensured scalability and maintainability using a containerized architecture.
- Wrote unit tests to validate business logic and data operations.
- [GitHub Link]

Education

B.Tech in Computer Science and Engineering

2018 – 2022

APJ Abdul Kalam Technological University, Kerala, India

GPA: 3.65/4

Certifications

Full Stack Development (UST Global)

Complete C# Masterclass (Udemy)

Deploying ASP.NET Core Applications: From Fundamentals to Advanced Deployment Strategies (LinkedIn Learning)

AWS Essential Training for Developers (LinkedIn Learning)

AI for Everyone (Coursera) Cloud Computing Basics (Coursera)

Certified Secure Computer User (EC-Council)