Mukesh M

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Skills

Languages: C#, SQL, JavaScript, HTML, CSS

Technologies & Frameworks: ASP .NET Web Forms, ASP .NET MVC, Vue.js, React, React Native, jQuery.

Tools & Concepts: Microsoft SQL Server, ADO.NET, Data Visualization, Git.

Work Experience

Software Engineer 2, HCL Software – Chennai, India   Jan 2024 – Present

- Developed various interactive data visualization templates in ASP.NET, including Topology, Geo maps with drillthrough, E-bar, Pie, Timeline and Candle charts, improving clarity and decision-making speed by up to 45%.
- Implemented backend logic in C# with data retrieval handled via stored procedures in MS SQL Server, and established database connectivity using ADO.NET for seamless and efficient data visualization.
- Implemented RBAC (Role-Based Access Control) in ASP.NET MVC to manage access to security engagement IDs, with MS SQL stored procedures improving process efficiency by 30%.

Post Graduate Engineer Trainee, HCL Tech – Chennai, India   Aug 2022 – Dec 2023

- Designed and developed a proof-of-concept (PoC) data visualization reporting dashboard using Vue.js to showcase interactive and real-time insights.
- Created a basic integration using .NET Web API connected to MS SQL Server, with frontend data fetched via Axios, enabling smooth client-server communication.

Education

Vellore Institute of Technology: M.Tech in Software Engineering (Integrated)   July 2017 – May 2022

- CGPA: 8.32/10
- **Relevant Coursework:** Object-Oriented Programming (OOP), Database Management Systems, Data Structures and Algorithms, Operating Systems, Computer Networks, Web Technologies

Seventh Day Adventist Matric High School: Higher Secondary Certificate (HSC)   June 2015 – May 2017

- Percentage: 78%

Internships & Activities

Industrial Internship - Lakshmi Narayana Management Services   Apr 2020 - May 2020

- Led key aspects of mobile application development using Android Studio and Java, including UI/UX design, coding, debugging, and deployment

Co-Curricular And Extracurricular   Nov 2019 - Nov 2020

- Actively participated in Youth Red Cross (YRC) initiatives, contributing to social service campaigns, health awareness drives, and community outreach programs

Projects

Online Bus Ticket Booking System

- Developed an online bus ticket booking system with automated testing to validate core functionality and ensure reliability.
- Tools Used: Java, TestComplete

Faculty Info Android Mobile Application

- Built an Android app for managing faculty details with offline access and user-friendly interface.
- Tools Used: Java (backend), XML (frontend), SQLite (database)