Ravikumar Makwana

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EXPERIENCE

THINKBRIDGE SOFTWARE PVT LTD | SOFTWARE ENGINEER
Jun 2023 – Present | Rajkot, Gujarat
- Automated candidate application email parsing, resulting in a 90% reduction in manual efforts for the recruiter team.
- Designed and developed a streamlined Single Sign-On (SSO) Authentication and Authorization mechanism in the Compass to enhance user experience and security.
- Optimized third-party integration of Modern Hire, Daxtra Search, Survale, and Lgorithm in the Compass application, to enhance overall functionality and system performance.

TARK TECHNOLOGIES | JUNIOR SOFTWARE ENGINEER
Aug 2021 – Jun 2023 | Rajkot, Gujarat
- Implemented front-end components and back-end APIs using Angular and ASP.NET Core for building and managing functionality in medical-based projects.
- Successfully spearheaded database migration from MSSQL to MySQL using skeema.io and flywaydb, resulting in substantial improvements to scalability, performance, and cost efficiency of the database infrastructure.
- Analyzed application response time using MiniProfiler and implemented targeted optimizations, resulting in a substantial 40% improvement in overall response time.
- Achieved a 30% improvement in query response time by analyzing and optimizing database queries and functions for large datasets.
- Upgraded Angular from version 8 to 15 and migrated .NET libraries from version 4.7 to 6 in service-based projects.
- Redesigned Distributed Caching mechanism using Castle.Core.

PROJECTS

COLLABORATIVE WHITEBOARD APP
March 2024 – April 2024 | Rajkot, Gujarat
- Implemented a real-time Whiteboard application using HTML, CSS, and JavaScript, enabling real-time drawing and interaction among multiple users.
- Integrated Socket.IO for seamless real-time communication, facilitating simultaneous drawing activities and room-based interactions among users in the collaborative whiteboard environment.

QUICKBANK API
Feb 2023 – Jun 2023 | Rajkot, Gujarat
- Designed and implemented a robust ASP.NET Core 8 Web API for QuickBank, incorporating Layered Architecture for Scalability and Maintainability.
- Designed and implemented Azure Functions to automate essential banking operations, including quarterly interest calculations, account status updates, and fixed deposit management.
- Implemented a comprehensive set of CRUD functionalities to simulate essential banking operations, including customer management, account operations, transaction handling, and fixed deposit management.

EDUCATION

VVP ENGINEERING COLLEGE
BACHELOR OF COMPUTER ENGINEERING
Jul 2021 | Rajkot, Gujarat
CGPA: 9.80 / 10

PATANJALI SCIENCE SCHOOL
HSSC 12TH SCIENCE
Jun 2017 | Rajkot, Gujarat
Percentile: 91.68%

SKILLS

FRONT-END
HTML • CSS • JavaScript • TypeScript • jQuery • Angular

BACK-END
C# • ADO.NET • Dapper • Entity Framework Core • LINQ • MS Testing • xUnit Testing • NUnit Testing • ASP.NET Core Web API • MVC • Razor pages

DATABASE
MSSQL • MySQL

ARCHITECTURE
Layered Architecture • Onion Architecture

CLOUD COMPUTING
Microsoft Azure • Functions • Logic Apps • Storage Accounts

DEVELOPMENT TOOLS
Git • Microsoft DevOps • Visual Studio

COURSEWORK

GRADUATE
Data Structures
Analysis and Design of Algorithms
Object Oriented Programming
Operating System
Database Management System
Computer Networks
Software Engineering

LINKS

Github:// **ravikumarmakwana**
LinkedIn:// **ravikumar-makwana**
Leetcode:// **RavikumarMakwana**