# Ravikumar Makwana

ravikumar.makwana.18@gmail.com | 6354508988

## EXPERIENCE

### THINKBRIDGE SOFTWARE PVT LTD | SOFTWARE ENGINEER
Jun 2023 – Present | Rajkot, Gujarat

- Achieved a 90% reduction in manual efforts with automated candidate application email parsing.
- Led the design and development of a streamlined Single Sign-On (SSO) Authentication and Authorization mechanism in Compass to enhance user experience and security.
- Optimized overall functionality and system performance by integrating and optimizing Modern Hire, Daxtra Search, Survale, and Lgorithm within the Compass application.
- Boosted application performance by 45% by conducting comprehensive code optimization and optimizing database operations.

### TARK TECHNOLOGIES | JUNIOR SOFTWARE ENGINEER
Aug 2021 – Jun 2023 | Rajkot, Gujarat

- Developed front-end components and back-end APIs using Angular and ASP.NET Core for Real-Time Medical Systems.
- Migrated database infrastructure from MSSQL to MySQL using Skeema.io and Flywaydb, improving scalability, performance, and cost efficiency.
- Improved application response time by 40% through targeted optimizations using MiniProfiler.
- Achieved a 30% faster query response time by optimizing the database queries for large datasets.
- Upgraded Angular from version 8 to 15 and .NET libraries from version 4.7 to 6 in service-based projects.
- Supervised and mentored a team of 6 interns, facilitating their professional growth and project contributions.

## PROJECTS

### COLLABORATIVE WHITEBOARD APP
March 2024 – April 2024 | Rajkot, Gujarat

- Developed a real-time collaborative whiteboard application using HTML, CSS, JavaScript, and Socket.IO, enabling multiple users to draw simultaneously and interact within unique rooms.
- Implemented customizable drawing tools, including color selection, brush sizes, and an eraser mode, enhancing user experience and interaction in a collaborative environment.

### QUICKBANK API
Feb 2023 – Jun 2023 | Rajkot, Gujarat

- Engineered a robust ASP.NET Core Web API, utilizing Layered Architecture to enhance scalability and maintainability.
- Developed Azure Functions to automate critical banking operations such as quarterly interest calculations, account status updates, and fixed deposit management.
- Implemented comprehensive 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%

## LINKS

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

## 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
Information and Network Security
Object Oriented Programming
Operating System
Database Management System
Computer Networks
Software Engineering