

# Ravikumar Makwana

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## EXPERIENCE

### THINKBRIDGE SOFTWARE PVT LTD | SOFTWARE ENGINEER

Jun 2023 – Present | Pune, Maharashtra

#### Candidate Auto-Parsing:

- Developed a WebHook API integration with Power Automate to fully automate candidate application parsing from iCIMS, accelerating processing times and reducing manual workload by 60%.
- Automated candidate application email parsing, reducing manual effort by 90%.

#### Azure AD SSO Integration:

- Led the design and development of a Single Sign-On (SSO) Authentication and Authorization mechanism in Compass to enhance user experience and security.

#### System Optimization:

- Integrated and optimized third-party tools (Modern Hire, Daxtra Search, Survale, Lgorithm) within Compass, improving overall functionality and boosting system performance.
- Conducted comprehensive code optimizations and streamlined database operations, leading to a 45% increase in application performance.
- Implemented a randomization algorithm to optimize survey distribution to candidates, enhancing analytics efficiency and data accuracy.

#### Asynchronous Process Implementation:

- Designed a Disconnected Architecture using Azure Functions and Message Queues to enable asynchronous, non-blocking operations, enhancing system scalability and performance through decoupled workflows, and reducing latency by 30% on average.

### TARK TECHNOLOGIES | JUNIOR SOFTWARE ENGINEER

Aug 2021 – Jun 2023 | Rajkot, Gujarat

#### Real-Time Medical Systems Development:

- Developed responsive dashboards and reports using ASP.NET Core Web API and Angular, empowering healthcare providers with real-time insights for data-driven decision-making.
- 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.
- Redesigned the distributed caching mechanism using Castle Core, enhancing system performance.

#### Technology Upgrades and Database Migration:

- Upgraded Angular from version 8 to 15 and .NET libraries from version 4.7 to 6 in service-based projects.
- Migrated database infrastructure from MSSQL to MySQL using Skeema.io and FlywayDB, improving scalability, performance, and cost efficiency.

#### Mentorship:

- Supervised and mentored a team of 6 interns, facilitating their professional growth and project contributions.

## EDUCATION

### VVP ENGINEERING COLLEGE

BACHELOR OF COMPUTER  
ENGINEERING

Jul 2021 | Rajkot, Gujarat

CGPA: 9.80 / 10

## ACHIEVEMENTS

- Best Programmer (2018–2021)
- Solved 1200+ LeetCode problems.

## LINKS

Github:// [ravikumarmakwana](#)

LinkedIn:// [ravikumar-makwana](#)

LeetCode:// [RavikumarMakwana](#)

## SKILLS

### FRONT-END

HTML • CSS • JavaScript • TypeScript  
• jQuery • Angular

### BACK-END

C# • ADO.NET • Dapper ORM  
• Entity Framework Core • LINQ  
• MS Testing • xUnit Testing • NUnit  
Testing • ASP.NET Core Web API

### DATABASE

MSSQL • MySQL

### ARCHITECTURE

Layered Architecture • Onion  
Architecture • Monolith Architecture  
• Microservice 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