

Ravikumar Makwana

ravikumar.makwana.18@gmail.com | 6354508988

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
• MVC • Razor pages

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