

Ravikumar Makwana

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EXPERIENCE

THINKBRIDGE SOFTWARE PVT LTD | SOFTWARE ENGINEER

Jun 2023 – Present | Pune, Maharashtra

Candidate Auto-Parsing:

- Designed scalable WebHook APIs to integrate **iCIMS** and **Bullhorn** with Compass, enabling Power Automate to fetch candidates automatically, reducing processing time by **60%** and improving reliability.
- Engineered an intelligent email parser using **event-driven architecture**, cutting manual work by **90%** and processing **5000+** applications weekly.

Azure AD SSO Integration:

- Implemented **Single Sign-On (SSO)** login in Compass using **Azure AD OAuth2** and **OpenID Connect**, enhancing authentication efficiency and security for **2000+** daily active users.

System Optimization:

- Enhanced third-party integrations (**Modern Hire**, **Daxtra Search**, **Survale**) within Compass, scaling the system to handle **10000+** daily transactions while ensuring high availability and reliability.
- Conducted comprehensive code optimizations and streamlined database operations, leading to a **45%** increase in application performance.
- Developed a survey distribution algorithm with randomized load balancing, improving analytics efficiency for data science teams.

Asynchronous Process Implementation:

- Architected an **event-driven, asynchronous processing** system with **Azure Functions** and **Message Queues**, reducing latency by **30%** and improving system responsiveness under high-load conditions.

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 1400+ LeetCode problems
- NASSCOM Certified Software Developer

LINKS

Github:// [ravikumarmakwana](#)

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

LeetCode:// [RavikumarMakwana](#)

SKILLS

FRONT-END

HTML • CSS • JavaScript • TypeScript
jQuery • Angular

BACK-END

C# • .NET Core • ASP.NET Core Web API
ADO.NET • Dapper ORM
Entity Framework Core • LINQ
Unit Testing (xUnit, NUnit, MsTest)

DATABASE

MSSQL • MySQL • Redis

ARCHITECTURE

Layered • Onion • Monolith •
Microservice • Event-Driven

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