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 automate candidate application parsing from **iCIMS** and **Bullhorn**, reducing processing times and 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# • .NET Core • ASP.NET Core Web API • ADO.NET • Dapper ORM • Entity Framework Core • LINQ • MS Testing • xUnit Testing • NUnit Testing

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