

Ravikumar Makwana

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EXPERIENCE

THINKBRIDGE SOFTWARE PVT LTD | SOFTWARE ENGINEER

Jun 2023 – Present | Pune, Maharashtra

- **Scalable Webhook API Development:** Designed high-performance Webhook APIs to integrate **iCIMS** and **Bullhorn** with Compass, enabling seamless candidate data retrieval. Reduced processing time by **60%** and improved system reliability.
- **Intelligent Email Parsing:** Engineered an **event-driven** email parser that processes **10,000+** applications weekly, reducing recruiters' manual workload by **90%**.
- **Azure AD SSO Integration:** Implemented **Single Sign-On (SSO)** authentication using **Azure AD OAuth2 & OpenID Connect**, securing access for **2,000+** daily users.
- **High-Performance System Optimization:** Optimized third-party integrations (**Modern Hire, Daxtra Search, Survale**) to handle **10,000+** daily transactions with high availability and efficiency. Enhanced application performance by **45%** through database query and code optimizations.
- **Event-Driven Asynchronous Processing:** Architected an Azure Functions-based **event-driven** system using message queues, reducing system latency by **30%**.

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**, provided healthcare providers with real-time insights to enhance data-driven decision-making.
- **Performance Tuning:** Identified bottlenecks using **MiniProfiler**, refined database queries, accelerated query response times by **30%**.
- **Scalability Enhancements:** Upgraded **Angular (v8 to v15)** and **.NET libraries (v4.7 to v6)**. Migrated **MSSQL** database to **MySQL** using **Skeema.io** and **FlywayDB**, enhancing scalability and reducing costs.
- **Mentorship:** Supervised and mentored a team of **6** interns, facilitating their professional growth and project contributions.

PROJECTS

URL SHORTENER | GITHUB: URL-SHORTENER

- Engineered a high-performance URL Shortener using **ASP.NET Core** and **Angular** with a scalable **microservices** architecture.
- Optimized Base62 encoding to support **900M+** unique short URLs with minimal collisions.
- Implemented **JWT-based** authentication and API Gateway for secure, tokenized access across distributed microservices.

QUICKBANK API | GITHUB: QUICKBANK

- Built a scalable **ASP.NET Core Web API** with a **Layered Architecture**.
- Engineered robust CRUD operations for banking module: customers, accounts, transactions, and deposits.
- Developed Azure Functions to automate interest calculations, account status updates, and deposit management.

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 • Azure 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