Ravikumar Makwana

ravikumar.makwana.18@gmail.com | 6354508988

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

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.

GROUP BALANCER | GitHub: GroupBalancer

- Architected a scalable **C#** utility for group allocation while maintaining target percentage distributions.
- Implemented a **Priority Queue-based** algorithm to ensure fair, real-time assignments.
- Developed configurable group allocation with adjustable percentage targets, ensuring balanced distribution.

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