

RAVIKUMAR MAKWANA

📞 6354508988 ✉️ ravikumar.makwana.18@gmail.com 💻 [ravikumar-makwana](https://github.com/ravikumar-makwana) 🌐 [ravikumarmakwana](https://www.linkedin.com/in/ravikumarmakwana) </> [LeetCode](https://leetcode.com/ravikumar-makwana)

Experience

Thinkbridge Software PVT LTD

Jun 2023 – Present

Software Engineer

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%**.
- **Technical Hiring & Evaluation:** Conducted technical evaluations and interviews for **6** joining developers, ensuring strong technical fit and team alignment.

Tark Technologies

Aug 2021 – Jun 2023

Junior Software Engineer

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

Mar 2025 – Mar 2025

- 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.
- **Tech Stack:** ASP.NET Core v8, Angular v19, Entity Framework Core, MS SQL Server.

QuickBank API

May 2024 – Jun 2024

- Built a scalable ASP.NET Core Web API with a **Layered Architecture**.
- Implemented CRUD operations for banking modules: **customers, accounts, transactions, and deposits**.
- Designed Azure Functions to automate interest calculations, account status updates, and deposit management.
- **Tech Stack:** ASP.NET Core v8, Entity Framework Core, MS SQL Server, Azure Functions.

Technical Skills

Back-End: C#, ADO.NET, .NET Core, ASP.NET CORE Web API, Entity Framework Core, Dapper ORM, LINQ

Front-End: HTML, CSS, JavaScript, TypeScript, Angular

Database: MSSQL, MySQL, Redis

Unit Testing: xUnit, NUnit, MsTest

Architecture: Layered Architecture, Onion Architecture, Monolith Architecture, Microservice Architecture

Cloud Computing: Microsoft Azure

Education

V.V.P. Engineering College

Jun 2017 – Jul 2021

Bachelor of Computer Engineering

Rajkot, Gujarat

CGPA: 9.80 / 10

Achievements

- LeetCode Contest Rating: 266
- Best Programmer (2018-2021) — Awarded for exceptional coding skills in college.
- NASSCOM Certified Software Developer — Certified in software development and product development.