Ravikumar Makwana

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Experience

Thinkbridge Software PVT LTD   **Jun 2025 – Present**
Senior Software Engineer   *Pune, Maharashtra*

- **High-Volume ATS Integration using API Batch Processing:** Led the design and implementation of Bullhorn ATS integration using **Factory Design Pattern** and **Microservices Architecture**, enabling seamless hiring and processing of **15,000+** candidates daily.

Thinkbridge Software PVT LTD   **Jun 2023 – May 2025**
Software Engineer   *Pune, Maharashtra*

- **ATS Integration System:** Implemented scalable integration between ATS platforms (**Bullhorn** and **iCIMS**) and Compass using high-performance Webhook APIs, enabling seamless candidate data retrieval, reducing processing time by **60%**, and enhancing system reliability.
- **Intelligent Email Parsing:** Led the design and development of an **event-driven** email parser that processes **50,000+** applications weekly, reducing recruiters' manual workload by **90%**.
- **Azure AD SSO Integration:** Integrated **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   **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, and accelerated query response times by **30%**, leading to a significantly enhanced user experience and improved customer satisfaction.
- **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, scalable **URL shortener** using a **microservices architecture**.
- Optimized Base62 encoding to support **900M+** unique short URLs with minimal collisions.
- Implemented **JWT-based authentication** and an **API Gateway** for secure, tokenized access.
- **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

Languages: C#, SQL, JavaScript
Frameworks & Libraries: ASP.NET Core Web API, Angular, Entity Framework Core, Dapper ORM, ADO.NET, LINQ
Databases: SQL Server, MySQL, Redis
Unit Testing: xUnit, NUnit, MsTest
Cloud & DevOps: Microsoft Azure, Git, DevOps, Jira
Architecture & Design: Microservices Architecture, SOLID Principles, Design Patterns, Data Structures & Algorithms

Education

V.V.P. Engineering College (Gujarat Technological University)   **Jun 2017 – Jul 2021**
Bachelor of Computer Engineering   *Rajkot, Gujarat*
CGPA: 9.80 / 10

Achievements

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