

# Harsh Araple

## Lead Software Developer



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### CAREER OBJECTIVE

Offering 5 years of comprehensive experience as a Lead Software Developer in the IT industry, specializing in diverse .NET Core, Java, ReactJS, SQL Server, and Microservices technologies for commercial projects across various domains.

### KNOWLEDGE PURVIEW

- Software/ Application Development
- Project Execution & Management
- Integration and Testing
- Web Application Support
- Risk Identification & Monitoring
- Performance Tuning/ Defect Management
- Requirement Gathering & Analysis
- Team Building & Leadership

### TECHNICAL SKILLS

#### Programming Languages:

- C#, .Net Core (8.0), LINQ, Web API, Java, Spring Boot, JavaScript, NodeJS, ReactJS, Kubernetes, Docker, Microservices

#### Database Technologies:

- Microsoft SQL Server, MySQL, PostgreSQL, MongoDB, Oracle

#### Software Tools:

- JIRA, Microsoft TFS, Visual Studio, Visual Code, SQL Server Management Studio, MySQL Workbench

#### DevOps Tools:

- cPanel, FTP (FileZilla), GitHub/Gitlab, IIS, Azure

### CERTIFICATIONS

- Smart India Hackathon 09/2017 to submit an idea for highways/road accidents case for the Ministry of Road Trans and Highways

### PROFILE SUMMARY

- Currently developing core features across multiple domains using **C#, .NET Core 8.0, SQL Server, jQuery/JavaScript, Web API, Azure DevOps, Node.js, Java, Spring Boot, Docker, MongoDB, Jira, Bitbucket, SonarCloud and Microservices.**
- Proficient in enhancing **user experience and interactivity** with dynamic web elements using JavaScript and Ajax technologies.
- Experienced in **Software Development Lifecycle (SDLC) and end-to-end development of applications** right from requirement analysis, documentation (functional specifications, technical design), coding and testing to maintenance of proposed applications, expertise in **Agile Methodology.**
- Expertise in **setting out delivery standards** for various operational areas, implementing quality systems & procedures to facilitate high-quality customer experience, while adhering to the **SLAs** and business services.
- Significant experience of **working with clients and technical teams for executing projects** with focus on project coordination, documentation, business reviews and presentation.
- Worked on **Functional & Technical Projects** including Application Design, Functional Design, Configuration Management, Build, Test Strategies & Test Plans, Defect Management, Project Tracking & Oversight.
- An effective communicator with excellent relationship management skills with the capability to relate to people at any level of business and management.

### WORK EXPERIENCE

#### Lead Software Engineer

**HCL Technologies | Bangalore, Karnataka, India**

**June 2024 – Present**

#### Key Result Areas:

Here Project belongs to Transportation domain where travel-scheduling is happened for vehicles. Scheduling is done based on factors like time, traffic from Source to destination.

#### Roles & Responsibilities:

- Technologies Used: **.Net Core (Framework 8.0), SSMS (SQL Server), Jira, Azure DevOps, SonarQube, Bitbucket, XUnit Test Cases Framework.**
- I have worked as a Back-end developer. For backend we used Net Core version 8.0 developed the application as per the Technical Design Document. In Order to maintain quality & clean- code, we are using XUnit Framework for Unit testing to make sure that code is free from errors.
- For Code coverage, we are using SonarQube for Code Quality and Test coverage. We are maintaining 80% of code coverage. Once I developed the backend, front-end and Database objects we do Peer-review with other developers in team. We strictly follow Technical Design Document specifications in Code review. Once Peer review is done, another level of Review will happen with Team Lead. Once the review is approved, we raise Pull requests for frontend, backend & Database to merge into Development branch.
- For CI/CD, used Azure DevOps for Build, Test and Deployment into Development branch. I have used Microsoft Visual Studio Code for Front-end and Visual Studio for Backend Code development. For Database, I have used MSSQL for developing database objects.

## SOFT SKILLS

- Team Leadership
- Analytical
- Problem-solving
- Communicator
- Critical Thinking
- Time management

## PERSONAL DETAILS

**Date of Birth** 01-Dec-1996  
**Languages Known** English, Hindi

### Senior Software Engineer

Cognizant Technology Solutions | Bangalore, Karnataka, India

July 2023 – Dec 2024

#### Key Result Areas:

- Developed features for Hotel Property Management System, Invoice Management System, Ticket Management System and Liquor Management System by using C#, ASP.NET MVC, .NET Core 5, Web API, SQL Server, Ajax, JavaScript, jQuery, ADO.NET, Entity Framework, and Jira.
- Collaborated with the team to integrate new features seamlessly into all projects.
- Part of 40+ Sprints with record in-time delivery of user stories with less number
- of bugs and Part of the migration team.
- Interacting with the clients and developing functionality with their guidance and built REST Web APIs for internal structure.
- Perform administrative tasks including billing and record-keeping

#### Achievements:

- Integrated Asp.Net MVC and .Net Core 5 frameworks to create robust and scalable web applications for Liquor Management System and Invoice Management System.
- Reduced manual data entry by 50% through the implementation of automated data capture and validation mechanisms.
- Implemented data integrity checks, resulting in a 20% reduction in invoice errors.

### Associate Software Engineer

Casepoint Pvt. Ltd. | Surat, Gujarat, India

May 2019 – July 2020

#### Key Result Areas:

- Worked on e-Discovery platform using C#, VB.Net, ASP.Net JavaScript, Web API, Kendo UI, and SQL Server, Microsoft Azure.
- Part of 25+ Sprints and Part of the developer team responsible for developing Software.
- Collaborated with the team to integrate new features seamlessly into a project.

#### Achievements:

- Designed and optimized SQL Server databases and queries for efficient data storage and retrieval.
- Created automated DB operational tools and admin panel for user efficiency.

## Projects

### Transportation Domain

#### Key Result Areas:

- Developed backend web APIs for Live Bus's runtime system and generated performance and usage reports for U.S based client Trapeze Madaxo.
- Utilized SonarQube to monitor code quality and test coverage, consistently maintaining 80% code coverage across the project.
- Technology: **.Net Core (8.0), SQL Server, Sonar Cloud, Jira, Azure DevOps, Bitbucket and Web API.**

### Insurance Management System

#### Key Result Areas:

- Led requirements gathering sessions with business clients.
- Collaborated with the development team to design and implement a user-friendly claims processing system.
- We conducted user training sessions to ensure a smooth transition to the new system.
- Technology: **Java, Sprint boot, Microservice, Docker.**

### Ticket Management System

#### Key Result Areas:

- Built a multifunctional system with a complex ordering system using a Ticket management system with using .Net (MVC), PostgreSQL, Kendo UI Framework.
- Developed a Ticket categories and tags functionality and Improve Customer experience.
- Technology: **C#, ASP.Net MVC, .NET Framework 4.6, SQL Server, Windows Forms, jQuery/JavaScript, WCF, Ajax, Web Services and Web API.**

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### **e-Discovery System**

#### **Key Result Areas:**

- Worked with 20 members of team to implement OCR (Optical Character Recognition) and Email Threading to generate reports.
- Optimize query and improve performance for reports and Implemented e-Num structure in .net to maintain category types.
- Technology: **C#, ASP.Net MVC, .NET Framework 4.6, SQL Server, Windows Forms, jQuery/JavaScript, Kendo UI, and Web API.**

### **Invoice Management System**

#### **Key Result Areas:**

- Developed Invoice System with New invoice creation, Customer records creation, Credit card processing, Receive/send information, Payment Integration.
- Implemented a feature to maintain a professional image, minimize missed payments, and minimize late payments and optimize a query to generate Invoice report and Tax (GST) report.
- Technology: **C#, ASP.Net, .NET Framework 4.6, SQL Server, jQuery/JavaScript, WCF, Ajax, Web Services and Web API.**

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## **EDUCATION**

- **Master of Science in Information Technology** from Veer Narmad South Gujarat University, Surat, India, June 2017 – July 2019.
- **Bachelor of Science in Information Technology** from Veer Narmad South Gujarat University, Surat, India, June 2014 – May 2017.