# Pravin Kumar Jaiswal (Senior Software Developer)

≥ kumarjaiswalp@gmail.com 📞 +91-8789400649 👂 Bengaluru, India 📅 1994 Jul 12

Indian ♀ Male ô Married in linkedin.com/in/pravin-jaiswal-software-architect

### **₽ PROFILE**

A passionate technologist seeking an exciting and challenging position as a Senior Software Developer, leading teams in software development. My passion for software stems from my extensive experience in development, combined with the knowledge that highly motivated teams can overcome any obstacle.

Total 9+ years of Experience using various Microsoft technologies including C#, ASP.NET © Core MVC, SQL Server, Bootstrap, Angular, Reactjs and Microsoft Azure.

Throughout my career in the IT industry, I have consulted with numerous corporate clients of Steema, assisting in the execution and deployment of their applications. My expertise has consistently helped these companies achieve seamless integration and enhanced operational efficiency.

# **P** TECHNICAL SKILLS

**Backend** — C#, Object Oriented Programming, ADO.NET, LINQ, Entity Framework, Asp.Net MVC, Asp.Net Core, RESTFull API, Design Patterns, SOLID Principles and Microservices

**Database** — Microsoft SQL Server, MySQL, MongoDB, Cosmos DB

**Frontend** — HTML5, CSS3, JavaScript, JQuery, Bootstrap, Ajax, Typescript, Angular, and React js

**Cloud** — Microsoft Azure Development, and DevOps

**Containerization** — Docker, Kubernetes, and Helm

**Development Tools** — Visual Studio 2022, and Visual Studio Code

# ந் social skills

Prioritizing — Proficient Conflict Resolution — Proficient

# Senior Software Developer, Team Lead, Architect

2017 Dec - present

Steema Software Private Limited

Bengaluru, India

I have progressed through roles as a Senior Software Developer, Team Lead and Architect. In these capacities, I have led cross-functional teams, designed and implemented scalable software solutions, and architected complex systems. My contributions have been instrumental in developing ERP-based products for various sectors, including education, healthcare, and hospitality. My role involved collaborating with stakeholders to gather requirements, mentoring junior developers, and ensuring the delivery of high-quality, innovative software solutions.

### Full Stack .NET Developer

2014 Aug - 2017 Dec | Patna, India

Freelance, Self-Employed

I have worked as a Freelance Full Stack Developer, delivering comprehensive solutions to a diverse range of clients. My projects have spanned website design, Windows app development, services development, API development, and small software solutions. In this role, I have leveraged my expertise to understand client needs, provide innovative solutions, and ensure high-quality deliverables. My freelancing experience has honed my ability to manage multiple projects simultaneously, communicate effectively with clients, and adapt to various technologies and requirements.

## PROJECTS

### **Learning Management System**

Cloud Based ERP Application

**Project Description:** Developed a comprehensive Learning Management System (LMS) aimed at streamlining educational processes and enhancing the learning experience for students and educators. The system features course management, user authentication, progress tracking, and interactive learning modules.

Role: Full Stack Developer

Team Size: 2 Responsibilities:

- a. Analyzed and understood project requirements to ensure alignment with educational objectives.
- b. Developed and integrated RESTful APIs using .NET Core for core functionalities like user authentication and course management.
- c. Implemented complex React.js features, including state management with Redux and dynamic content rendering, to create a responsive and user-friendly interface.
- d. Ensured seamless API binding and data flow between the frontend and backend components.
- e. Conducted testing and debugging to guarantee system reliability and performance.

Technologies/Tools Used: .NET Core, React.js, Redux, RESTful APIs, MS SQL Server

### **E-Commerce Development**

Multitenant Application (Multi-Vendor)

**Project Description:** Spearheaded the design and development of a robust E-Commerce Application for one of the clients, overseeing the entire project lifecycle from client consultation to final deployment.

Role: Project Architect and Team Lead

Team Size: 3

#### Responsibilities:

- a. Directly communicated with the client to gather and understand detailed requirements, ensuring the project met their specific business needs.
- b. Architected the entire project, designing a scalable and robust application structure to handle high traffic and large data volumes.
- c. Led a team of developers, delegating tasks and providing technical guidance to ensure timely and high-quality deliverables.
- d. Implemented key features including user authentication, product catalog management, shopping cart, payment gateway integration, and order tracking.
- e. Developed a responsive and user-friendly frontend using Angular, ensuring seamless user experience across various devices.
- f. Utilized Restfull APIs for backend development, creating secure and efficient APIs to handle business logic and data transactions.
- g. Integrated MS Sql Server for flexible and scalable data management, supporting complex queries and real-time updates.
- h. Conducted regular code reviews, performance testing, and debugging to maintain high code quality and application reliability.
- i. Coordinated with the client for regular feedback and updates, ensuring alignment with their expectations throughout the project.

**Technologies/Tools Used:** C#, EF Core, Asp.Net ☑ Core API, Azure, MS SQL Server, TypeScrpt, Angular

### **Education Management Software (Cloud Based)**

Web Application and Mobile Application

**Project Description:** Implemented a comprehensive School ERP system to streamline administrative tasks and improve communication within the school community.

Role: Team Lead Team Size: 6 Responsibilities:

- a. Designed and developed the student and administrative information management module.
- b. Collaborated with educators to customize the gradebook management feature.
- c. Conducted user training sessions for teachers and staff.

**Technologies/Tools Used:** C#, Asp.Net ☑ Core API, MS SQL, and Type Script, and Angular

#### **Digital Malkhana**

Windows Application with Mobile App

**Project Description:** Led the design and implementation of a state-of-the-art Digital Malkhana system for Uttar Pradesh and Delhi Police, revolutionizing evidence management and security in law enforcement operations.

Role: Team Lead Team Size: 3 Responsibilities:

- a. Collaborated with law enforcement personnel to define project requirements and align the system with evidence management workflows.
- b. Designed and developed a user-friendly Windows-based platform for digital evidence entry, tracking, and retrieval using WIN.FORM, C#, Web API, RDLC, MS SQL Server.
- c. Integrated advanced security measures, including user access controls and encryption protocols, to ensure the integrity and confidentiality of sensitive evidence data.

d. Conducted training sessions for law enforcement staff to facilitate seamless adoption of the Digital Malkhana system.

## **Accounts & Inventory Management Software**

POS, Taxation, Billing & Inventory

**Project Description:** Led the development of a robust Account and Inventory Management Software designed to automate and optimize accounting and inventory processes.

Role: Team Lead Team Size: 5

### **Key Responsibilities:**

- Architected the software using ASP.NET Core MVC for a scalable and maintainable application structure.
- Developed a responsive frontend using Angular, ensuring seamless user experience across all devices.
- Utilized SQL Server for database management, providing secure and efficient data storage solutions.
- Implemented features for automated invoicing, inventory tracking, financial reporting, and account reconciliation.
- Conducted user training sessions and created comprehensive documentation to facilitate smooth adoption and usage of the software.
- Performed unit testing and integration testing to ensure high quality and reliability of the application.

**Technologies Used:** C#, ASP.NET Core MVC, SQL Server, HTML5, CSS3, Bootstrap, JavaScript, and Azure

**Outcome:** Delivered a high-quality software solution that improved inventory accuracy and streamlined accounting processes, leading to significant time and cost savings for the client.

#### **Healthcare ERP**

Healthcare Information System Enhancement

**Project Description:** Played a pivotal role in enhancing a Healthcare Information System (HIS) for a leading hospital network, with a focus on optimizing patient care, data security, and clinical workflow efficiency.

Role: Software Developer

Team Size: 7 Responsibilities:

- a. Collaborated closely with healthcare professionals to gather requirements and ensure alignment with clinical workflows.
- b. Designed and developed new modules for electronic health records (EHR), patient scheduling, and telehealth integration using C#.
- c. Implemented advanced security measures to safeguard patient data, ensuring compliance with HIPAA regulations.
- d. Conducted performance analysis and optimization, resulting in a 30% reduction in system response times.
- e. Integrated HL7 interfaces for seamless interoperability with external healthcare systems.

Technologies/Tools Used: C#, Entity Framework, .Net Core MVC,

JQuery and Azure.

## **Hospitality ERP (Cloud Based)**

Web Application and Mobile Application

**Project Description:** Contributed as a Software Developer in the design and development of a Hospitality ERP system, tailored to meet the unique requirements of a prominent hotel chain. The goal was to streamline operations, enhance guest services, and improve staff efficiency.

Role: Software Developer

**Team Size:** 6 **Responsibilities:** 

- a. Collaborated closely with the project team to understand business needs and translate them into technical requirements.
- b. Designed and developed key modules, including room reservations, billing, and guest services, using Razor Pages and HTML.
- c. Integrated third-party APIs for payment processing and room availability synchronization.
- d. Implemented responsive web design for the ERP's user interface, ensuring usability across multiple devices.
- e. Conducted rigorous testing to identify and fix bugs, ensuring a seamless user experience.

Technologies/Tools Used: C#, Asp.Net Core API, SQL Server, Type Script, and Angular



#### **Microsoft Certified Azure Fundamentals**

Certification number: 5B1281-D57E5W

https://learn.microsoft.com/api/credentials/share/en-us/pravinjaiswal-2181/BA95654F765755DC?sharingId=F14CAB6A6893E0DB

#### **EDUCATION**

**MCA (Information Technology)** 

mor (information recimotogy)

2019 - 2022 | Patna, India

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**BCA (Information Technology)** 

2011 - 2014 | Madhepura, India

**BNMU** 

# **(A)** LANGUAGES

English

Hindi

I declare that all the above information is correct according to my knowledge.

#### **Pravin Kumar Jaiswal**

Bengaluru, India