

DHARMDEEP RANPURA

SENIOR SOFTWARE DEVELOPER | .NET CORE & ANGULAR

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PROFESSIONAL SUMMARY

Experienced and results-driven Senior .NET Developer with 7+ years of experience in .NET Core, MVC, Web API, C#, SQL Server, Angular (14+), Entity Framework, RESTful APIs, and database design, with a proven track record of delivering scalable, high-performance solutions. Strong collaborator with expertise in Agile/Scrum methodology and CI/CD pipelines.

TECHNICAL SKILLS

Backend: C#, ASP.NET Core, MVC, Web API, LINQ, Entity Framework, REST APIs

Frontend: Angular 14+, JavaScript, jQuery, AJAX, HTML5, CSS3, Bootstrap

Databases: SQL Server, MySQL, PostgreSQL, MongoDB

Cloud & Tools: Azure, AWS, Visual Studio, GitHub, BitBucket, TFS, SVN, IIS, Postman

Methodologies: Agile/Scrum, TDD, CI/CD, DevOps Basics

Core Strengths: API Integration, Performance Optimization, Troubleshooting & Problem-Solving, Quick Learner, Leadership, Self-Motivated, Team Collaboration

AI Tools: ChatGPT, Cursor, Claude, Windsurf

DOMAIN EXPERTISE

- Portal and Application Development
- E-Commerce Development
- Healthcare Application Development
- Education and Finance Management
- Customer Relationship Management

PROFESSIONAL EXPERIENCE

Kernshell Technologies Pvt. Ltd. • Senior Software Developer

March 2026 – July 2026

Project: EPIC – ECR (EClinic Recruit), a healthcare-based Clinical Trial Recruitment platform

Technologies: .NET Core 6, REST API, SQL Server

EPIC-ECR enables secure patient enrollment, eligibility screening, AI-powered patient communication, appointment scheduling, and clinical trial tracking. The platform integrates services such as Microsoft SSO, Microsoft Teams, Twilio SMS, and VAPI AI to automate key workflows.

- Designed and implemented APIs for the Location, Recruiter, Clinical Trial, Patient, Conversation, Calendar, and Integration modules.
- Implemented the patient recruitment lifecycle with multiple statuses, including In Progress, To Call, Action Required, Requested Follow-up, Qualified, Booked, DNQ, Scheduled Screen, Queued, and Skipped.

- Integrated the Twilio SMS API for automated trial introduction, follow-up, reminder, booking confirmation, and DNQ notifications.
- Integrated VAPI AI for AI-powered voice conversations, eligibility screening, and automated patient qualification using inclusion, exclusion, and neutral questions.

Dyno Tree Technologies Pvt. Ltd. • Senior Software Developer

January 2023 – February 2026

Project: HRMS 2.0

Technologies: .NET Core 6, REST API, HTML, SQL Server, Angular 14

HRMS 2.0 is a comprehensive Human Resource Management System developed for Karnataka Government sector employees using .NET Core and Angular, following a repository-based architecture, streamlining HR processes across multiple integrated modules.

- Implemented Single Sign-On (SSO) using Google Authentication alongside the traditional login method.
- Built authentication and authorization with role-based module access control.
- Delivered multiple HRMS modules, including Leave, Salary, Insurance, Deputation, Loan, and Payroll.
- Implemented session management with idle timeout handling for enhanced security.
- Adopted an API-driven architecture with all actions performed via REST APIs, without direct backend calls.
- Applied dependency injection to improve code reusability and maintainability.
- Maintained separation of concerns with a clear division between UI, business logic, and data access layers.
- Optimized performance and reduced API response time through query optimization and caching strategies.

Codevision Technologies Pvt. Ltd. • Software Developer

September 2021 – January 2023

Project: PMT (Pay My Tuition)

Technologies: Angular 12, Kendo UI Controls, HTML5, CSS3, RxJS, Bootstrap

PMT is a foreign tuition payment platform developed as a specialized module of the MTFX system. It enables students to pay college or class fees in one country's currency and transfer the payment in another country's currency, offering a seamless, secure, and user-friendly interface with advanced reporting capabilities.

- Developed an intuitive tuition payment workflow for students to initiate and complete international tuition fee transfers securely.
- Integrated backend APIs for multi-currency support to fetch real-time exchange rates and handle cross-border transactions.
- Built an advanced reporting system with Excel and PDF export for transaction histories, including filtering, sorting, and search functionality.
- Designed a mobile-friendly, accessible, and responsive UI using Bootstrap, HTML5, and CSS3.

Eonian Software Solutions Pvt. Ltd. • Software Developer

September 2020 – September 2021

Project: KridApp Sports Academy (PWA Application)

Technologies: Angular 10, ASP.NET Core Web API, SQL Server, HTML5, CSS3, Bootstrap, JavaScript

KridApp is a multi-branch academy management platform designed to streamline operations across various training centers, providing a centralized dashboard for managing student admissions, coach assignments, and branch-wise attendance, ensuring smooth coordination across all locations.

- Developed a centralized dashboard to manage operations across multiple academy branches, including student admissions, coach assignments, and branch-specific attendance.

- Implemented modules to manage student inquiries, enrollments, attendance logs, and fee tracking, along with coach profiles, schedules, and attendance management.
- Built dynamic Excel and PDF export capabilities for attendance, fee collection, and inquiry reports, with advanced filtering, sorting, and search features.
- Delivered PWA features such as offline access, caching strategies, and add-to-home-screen support, with a responsive UI using Angular Material and Bootstrap.
- Implemented all business logic via secure .NET Core Web APIs, using RxJS operators (forkJoin, switchMap) to handle multiple API requests, with SQL Server optimizations through indexed queries and stored procedures.

PM Communication Private Limited • Software Developer

January 2019 – August 2020

Project: Strom Road

Technologies: ASP.NET MVC, Angular, Web API, AJAX, SQL Server, JavaScript

Strom Road is a medical web application developed to support heart patient analysis and provide healthcare-related functionality, with continuous enhancements based on client requirements. The system includes advanced reporting features to support better decision-making.

- Developed a heart patient analysis module to store, process, and analyze patient health data for improved diagnosis and monitoring.
- Designed and implemented new features based on evolving client requirements for specialized healthcare needs.
- Enabled export of analytical and patient reports in Excel and PDF formats with filtering and sorting capabilities.
- Used ADO.NET for secure and efficient communication with SQL Server, implementing parameterized queries to prevent SQL injection.
- Applied indexing and query optimization in SQL Server 2012 for faster data retrieval and improved application performance.

EDUCATION

Bachelor of Computer Application (BCA): Saurashtra University — July 2015 — 68.00%

H.S.C.: Gujarat Board — April 2012 — 52.00%

S.S.C.: Gujarat Board — April 2010 — 63.00%