

Prerana Nale

Astagaon, Maharashtra, 423107, India • naleprerana9@gmail.com • 7350751159 • [LinkedIn](#) • <https://github.com/Prerananale>

EDUCATION

Sanjivani College Of Engineering , Kopargaon Bachelor of Technology (Information Technology)	Jan 2022 - Jun 2025 GPA: 3.0
Sanjivani College Of Engineering , Kopargaon Diploma in Mechatronics	Jan 2020 - Dec 2022 GPA: 3.3

SKILLS

Functional : Analytical Thinking, Communication and Teamwork, Consistency, Adaptability
Technical : C#, .NET Core, ASP.NET Core, MVC, Entity Framework, Github, Postman, VB.NET, Web API, SQL Injection, SDLC
Tools & Framework : VS Code, ASP.NET
Web Technologies : HTML, CSS, JavaScript, Bootstrap
Database : SQL Server, SQL

PROFESSIONAL EXPERIENCE

Kodeo Software Technology - Nashik .NET Developer <ul style="list-style-type: none">• The Mobile Shop Management System is a .NET-based solution designed to manage inventory, sales, customer orders, and invoicing efficiently. Built with ASP.NET Core MVC/Web API and Entity Framework Core, it enables role-based access (Admin, Staff) with secure authentication (JWT). The system allows real-time stock management, tracks sales and purchases, and automates invoice generation in PDF format.• It supports customer management, payment processing (Stripe/PayPal), and supplier tracking. Additionally, it provides reports and analytics on sales, profits, and stock movement.	Oct 2025 - Dec 2025
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PROJECTS

Predictive Maintenance for Industrial Equipment <ul style="list-style-type: none">• The predictive maintenance project leverages IoT sensors and machine learning algorithms to monitor industrial equipment's health in real-time.• By analyzing data patterns, it predicts potential failures and alerts operators before issues occur.• The system integrates with Telegram, sending instant notifications and alerts to the team via messages if any malfunction or abnormal behavior is detected, ensuring timely interventions and minimizing downtime.	-
Inventory Management and Invoice Generation System <ul style="list-style-type: none">• The Inventory Management & Invoice Generation System is a .NET-based application designed to streamline stock tracking, order processing, and invoice automation. It allows businesses to efficiently manage inventory, monitor stock levels, and receive low-stock alerts.• The system automates invoice generation, enabling users to create, download, and email invoices in PDF format for completed orders. With secure authentication and role-based access (Admin, Manager, Staff), it ensures controlled access to data. Additionally, the system provides detailed reports and analytics on sales, revenue, and stock movements, making it an ideal solution for small to medium-sized businesses.	-
Hotel Management System <ul style="list-style-type: none">• The Hotel Management System is a .NET-based application designed to streamline hotel operations, including room booking, guest check-ins/check-outs, invoicing, and payment processing. Built with ASP.NET Core MVC/Web API and Entity Framework Core, the system supports role-based access (Admin, Receptionist, Customer) with secure authentication (JWT). It enables efficient room and booking management, allowing users to check room availability, make reservations, and track guest stays.• The system automates invoice generation in PDF format and integrates online payment gateways like Stripe or PayPal. Additionally, it provides real-time analytics and reports on revenue, occupancy rates, and guest activity.	-

ACHIEVEMENTS

- First Prize in National Level Project Competition(TechnoFest),Nashik
- NPTEL: Database Management System
- NPTEL: E-Business
- Great Learning: .NET Fundamentals
- Infosys Springboard: Database and SQL
- Infosys Springboard: Basic of C#
- Great Learning: Introduction to ASP.NET Core
- Great Learning: Introduction to ASP.NET MVC