DIGVIJAY PATIL

Software Developer
Mumbai, Malad (W)
📞 +91 7770004641 | 📞 digvijaypatil548@gmail.com

Objective

Innovative and detail-oriented Software Developer with hands-on experience in building scalable desktop and web applications using .NET and modern frontend technologies. Passionate about solving real-world problems through clean code, seamless system integrations, and automation. Eager to contribute to dynamic development teams, continuously learn emerging technologies, and drive digital transformation in a growth-focused organization.

Skills & Abilities

- Proficient in C#, with extensive experience in desktop application development using WPF (Windows Presentation Foundation).
- Familiar with WCF (Windows Communication Foundation) and skilled in device integration for desktop applications.
- Expertise in MVVM (Model-View-ViewModel) architecture, .NET Core, React.js, SQL, MS-SQL, and relational database management systems (RDBMS).
- Hands-on experience with machine vision, ASP.NET Core, HTML, CSS, JavaScript, TypeScript, and AI-based technologies.
- Hands-on experience with Restful Api and Dot net Core.
- Skilled in version control systems such as Git and Azure DevOps.
- Proficient in backend and frontend development, RESTful APIs, waterfall and Agile methodologies.

Experience

Jan 2023 - Present | Full Stack Dot Net Developer | Pharma Track and Trace Solutions, ACG-Worldwide (Mumbai)

Key Responsibilities:

- Developed serialization applications for pharmaceutical track and trace systems using C#, WPF, and SQL.
- Integrated devices with desktop and web applications, ensuring compliance with regulatory standards.
- Designed and implemented REST APIs to support seamless communication between application layers.
- Collaborated on version control workflows with Git and Azure DevOps to enhance team productivity.

Key Projects:

- **CNBG Case packer System**: -
  A fully PLC-based system integrated into a .NET Windows desktop application. The system ensures high-speed pharmaceutical case packing, supporting serialization checkpoints and machine vision.
  Technologies Used: C#, WPF, WCF, XAML, MVVM, SQL Server, PLC Integration.

- **Auto-Case packer System**: -
  A PLC-driven case packer with Modbus TCP/IP communication, integrated with a .NET Windows desktop application. Automates the final packaging stage and synchronizes with serialization data.
  Technologies Used: C#, WPF, WCF, XAML, MVVM, SQL Server, Modbus, PLC Integration.
- **In-House Web-based Application**: -
  A full-stack internal tool designed for operational and reporting purposes. The frontend was developed in React.js, and the backend used ASP.NET Core Web API. The application included role-based access control, real-time updates, and API testing with NUnit.
  Technologies Used: React.js, .NET Core Web API, C#, JavaScript, HTML, CSS, SQL Server, NUnit, Git, Azure DevOps.

Key Achievements:
- Increased object detection accuracy by 25% through software enhancements.
- Enhanced serialization efficiency, reducing operational bottlenecks and improving process speed.
- Successfully deployed AI-driven automation features in track-and-trace systems.

Education
- March 2016 | Secondary School Certificate | Maharashtra State Board of Education.
- March 2018 | Higher Secondary Education | Maharashtra State Board of Education.
- Sept 2022 | Bachelor of Technology (B-Tech) | Shivaji University, Kolhapur.
- Aug 2023 | Full Stack Dot Net Developer Certification | Seed Infotech Pune.

Communication
Proficient in clear and concise written and verbal communication in English, Hindi, and Marathi. Skilled in providing constructive feedback and collaborating effectively with team members, including developers, testers, and stakeholders, to ensure seamless project execution and delivery.

Accomplishments
- Spearheaded the implementation of enhancements that increased object detection efficacy and serialization process efficiency by 25%.
- Improved application performance, accelerating image processing and enabling the scanning of more products efficiently.
- Successfully integrated advanced version control workflows, improving team collaboration and reducing deployment errors.