

---

# BHARATH KUMAR MANAPRAGADA

---

United States | +1(316) 376-7881 | [bxmanapragada@shockers.wichita.edu](mailto:bxmanapragada@shockers.wichita.edu) |

<https://www.linkedin.com/in/bharath-kumar-manapragada/> | <https://www.knowbharath.com/>

---

## Summary

---

Seasoned Software Engineer with over 5 years of dedicated experience at Infor Global Solutions. Specializing in .Net, C#, and Xamarin, with a robust skill set encompassing HTML, CSS, XML, JavaScript, and SQL Server. Demonstrated proficiency in Agile methodologies and a strong track record in problem-solving. Seeking challenging roles to leverage advanced technical skills in developing and enhancing complex software systems.

---

## Skills

---

### Back-end:

C#, .NET MVC, .Net Core, Xamarin, SQL Server, Python, Node.JS, XML, JSON

### Front-end:

HTML5, CSS, JavaScript, React

### ERP:

Infor PLM (Product Lifecycle Management), Infor Mongoose, Infor LN

### Other skills:

Problem-solving, Data Cleaning, Data Visualization, Optimization

---

## Experience

---

### Software Engineer

07/2016 to 12/2021

#### Infor Global Solutions (KOCH Industries)

- Over 5+ years of distinguished IT industry experience, with a focused tenure of 4+ years as a specialized C# .NET Developer.
  - **Led** the successful migration of Infor PLM from Silverlight to cutting-edge technologies such as **ASP.Net MVC**, **Infor Mongoose** framework, and **Infor LN**, enhancing performance and user experience.
  - **Mastered** a diverse range of technologies including C#, **HTML5**, **JavaScript**, **jQuery**, **CSS**, **SQL Server**, and **Xamarin**, applied in developing a Mobile App POC for our PLM product.
  - Managed development workflows efficiently using Jira for issue tracking and **Git/SVN** for version control, ensuring seamless collaboration and adherence to **Agile** methodologies throughout the development lifecycle.
- 

## Professional Projects

---

### PLM Discrete (Infor LN):

10/2019 - 12/2021

- Facilitated a critical migration project for Infor PLM to be cloud-ready by rapidly acquiring in-depth knowledge of Infor LN software, increasing integrability by 40% for the existing customer base.
- Utilized the in-house 4GL scripting language to develop the product-like sessions for the UI, improving user interface consistency and functionality.
- Optimized various old business logics using regular expressions and lambda expressions, boosting performance by 40%.
- Collaborated with global teams, including documentation and integration, to architect and implement robust cloud infrastructure, leveraging leading-edge technologies to ensure stakeholder alignment and long-term adoption.
- Led the project by implementing Agile methods for testing and deployment, ensuring efficient and timely delivery.

### PLM Mobile (Xamarin):

06/2017 - 09/2017

- **Developed** a POC mobile application over a 3-month project to **evaluate** the feasibility of providing mobile-level support to customers at minimal cost.
- **Learned** and utilized **Xamarin** (MAUI) technology to create a cross-platform mobile application, **reducing** code redundancy by **95%** through code reuse across Android, iOS, Windows platforms.
- **Designed** a new workflow from scratch to **enhance** product navigation, resulting in **70% fewer** clicks for users.
- **Refined** the POC to align with stakeholder expectations by **maintaining** open communication and soliciting feedback, resulting in a well-received final product that **maximized** user experience and accessibility.

**PLM Discrete (Infor Mongoose)** Proficiently led the migration of our product from Silverlight to Infor Mongoose, demonstrating adeptness in development and utilization of Infor Mongoose framework.

### PLM Discrete (.Net):

12/2016 - 07/2019

- **Led** the migration project of a PLM Discrete from legacy technologies to **ASP.Net MVC, .Net Core**, making it cloud-ready, significantly enhancing its scalability and performance.
- **Rewrote** stored procedures and functions in SQL Server to **reduce** search time, achieving a **70% improvement** in application response time.
- Implemented **HTML5, CSS, and JavaScript** to perfect the UI according to company standards, ensuring symmetry across the product and increasing **UI response time** by **60%**.
- Utilized the existing Server API for connection requests and responses, **converting XML** output to **JSON**, which **streamlined** data flow and **reduced** memory consumption by **40%**.
- Built the UI using **React.js** to connect views, then transitioned to in-house UI components with JavaScript after evaluating performance and alignment with project requirements.
- Leveraged **.Net MVC** to enforce SOLID principles, **improving** code quality and **facilitating** easier testing and bug resolution.
- **Practiced** CI/CD to maintain development pipeline alignment with Agile methods, using SVN for version control and Jira for issue tracking, **ensuring** smooth and efficient project progress.

---

### Education and Training

**Master of Science: Computer Science**

**2024**

Wichita State University

Wichita, KS

**Bachelor of Science: Electronics and Communications Engineering**

**2016**

Yogananda Institute of Technology & Science

---

### Certifications and Accomplishments

#### **Advanced Certification in Artificial Intelligence & Machine Learning IIIT-Hyderabad • 2018**

- **Developed** a chatbot using Natural Language Processing (**NLP**) and sentiment analysis to process restaurant orders, reducing human interaction by 100% and improving order processing efficiency.
- **Learned** Python, Data Mining, and Data Visualizing techniques as part of a project, **utilizing** Tableau for analysing and visualizing data to **optimise** feature selection for model building.
- **Achieved** a minimum 10% increase in model accuracy by making informed decisions on feature selection through data insights gained from Tableau analysis and visualization.
- **Infor Care Member** - A member of Infor Care, where people organize Sports, Cultural and Social events for the entire organization
- **Kaggle Competition** - Ranked Top 5 for achieving the best accuracy while participating in a internal Kaggle competition.