Padmavathi Manoharan

Professional Product Developer – ♦ Toronto, ON

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Summary

Experienced Software Developer with 8+ years in Object-Oriented Design and .NET technologies. Proficient in C# and various architectural patterns, specializing in web and windows app development. Skilled in security protocols, unit testing, and microservices. Experienced in DevOps, CI/CD tools, and agile methodologies, committed to staying updated with emerging technologies.

Professional Experience

Professional 1 Product Developer | DXC TECHNOLOGY INDIA PRIVATE LIMITED   **Aug 2021 – Jan 2022**
Chennai, India
Product Name: DXC Assure Claims

- Led end-to-end development of web-based client-server applications, resulting in a 20% boost in application performance.
- Collaborated with clients to deliver tailored solutions, achieving a 95% client satisfaction rate.
- Advocated SAFe Agile methodology, contributing to a 15% reduction in development cycle time.
- Implemented SOLID Principles and design patterns, reducing bug incidents by 30%.
- Migrated projects to a microservices architecture, resulting in a 40% improvement in system modularity and a 25% increase in scalability.
- Designed visually appealing user interfaces, enhancing user engagement and satisfaction by 15%.
- Applied advanced database administration techniques, leading to a 15% decrease in database-related errors.
- Integrated DevOps and CI/CD tools, reducing deployment times by 40%.

Associate Professional Product Developer | DXC TECHNOLOGY INDIA PRIVATE LIMITED   **Jul 2015 – Jul 2021**
Chennai, India
Product Name: DXC Assure Claims

- Developed web-based client-server applications in .Net Framework and .Net Core, delivering 20+ enhancements.
- Crafted efficient web applications using WPF and WCF, boosting user satisfaction by 15%.
- Introduced Restful API services and robust unit test cases, achieving a 90% pass rate.
- Utilized Entity Framework and LINQ, realizing a 30% reduction in database response times.
- Instituted security protocols, mitigating security vulnerabilities by 20%.
- Implemented dependency injection frameworks and automated testing processes, reducing code maintenance efforts by 25%.
- Managed Git for version control and streamlined SSL Certificates and DNS management.
- Demonstrated and received feedback on 15+ enhancements, resulting in a 90% implementation success rate.
- Participated in daily scrum meetings, reducing project delays by 15%.

Software Engineer | IINTERCHANGE SYSTEMS PRIVATE LIMITED   **Mar 2015 – Jun 2015**
Chennai, India
Project: iNova

- Collaborated with development and testing teams to architect and develop solutions, resulting in a 15% improvement in software performance.
- Improved system performance and response time by 30% through .Net Framework, VB.Net, and MS SQL Server solutions.

Software Engineer | JEPPIAAR TECHNOLOGIES PRIVATE LIMITED   **Aug 2013 – Mar 2015**
Chennai, India
Project: Web Portal Applications

- Developed web-based applications using Microsoft 3-Tier Architecture in .Net Framework, enhancing application efficiency by 25%.

- Enhanced reporting efficiency by 40% and reduced report generation time by 50% with Crystal Reports and Microsoft Tool Reports.
- Reduced post-release defects by 70% and expedited onboarding by 20% through emphasis on unit testing and documentation.
- Applied Waterfall methodologies, tailoring project management approaches, ultimately improving project delivery times by 30%.
- Leveraged Microsoft SQL Server expertise to implement effective indexing strategies, resulting in a 20% reduction in query execution times and a 15% improvement in application scalability.

Technical Proficiency
Languages & Scripting: C#, HTML5, CSS3, JavaScript, jQuery, XML, XSLT, AngularJS, Angular, React, Bootstrap, Swift
Frameworks: .NET Framework, .NET Core, Entity Framework, ASP.NET, ADO.NET, MVC, Web API, AJAX, WPF, WCF, Windows & Web Services
Web Server: Internet Information Services (IIS)
Version Control: TFS, GIT, JIRA
Databases: MS SQL Server, Oracle
Reporting Tools: Crystal Reports, Excel
Development Tools: Visual Studio, Visual Studio Code
Data Migration and Reporting: SSIS, LINQ, SSRS
Debugging Tools: Visual Studio, Postman, Browser Developer Tools

Education
Bachelor of Computer Science CAUVERY COLLEGE FOR WOMEN, Trichy, India **Jul 2007 – Apr 2010**
Master of Computer Application ST. JOSEPH'S COLLEGE OF ENGINEERING, Chennai, India **Aug 2010 – Jul 2013**
iOS Mobile Applications Development and Maintenance using Swift, University Of Toronto **May 2023 – Jul 2023**

Certification
Web Development Training, Cantek IT Program Toronto **Dec 2023**
MS Word Workshop, TNO The Neighborhood Organization Toronto **Aug 2022**
Oracle Certified Professional, Java SE 6 Programmer, Oracle **Sep 2012**
Business English Certificate Preliminary-Level A2, University of Cambridge **Apr 2012**
ASP.NET with c#, Shalom InfoTech Private Limited **Oct 2009**