Arpita Nayak

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Career Summary

Self-directed, detail-oriented, and professional C# programmer with over 5 years of experience. I strive to find extensible, readable and maintainable solutions for problems that require critical logical thinking. Started my programming journey with C# but have also worked with hosts of different languages and platforms ever since.

Overview of Skills

- Strong understanding of design patterns, OOPs concepts and SOLID principles.
- Extensively worked with several solutions provided by Azure like Data Factory, AppInsights, Batch, FunctionApp.
- Worked with version control systems like SVN and Git.
- Also familiar with Python, JavaScript, and SQL.
- Utilized Docker and PowerShell extensively to automate and containerize processes
- Extensive experience with CI CD tools like TeamCity and Azure DevOps
- Worked using with Test Driven Development for multiple C# projects
- Ability to analyse and understand complex problems, and generate appropriate technical solutions independently
- Effective communication and interpersonal skills with the ability to maintain good relations and share technical ideas with users or clients, technical and management staff
- Strong organizational skills along with the ability to accomplish multiple tasks under extreme pressure, and meet specific deadlines
- Ability to grasp and apply new concepts quickly and stay updated with the latest trends and technical advancements

Work Experience

Senior Software Engineer (JANUARY 2021 – AUGUST 2023)
Software Engineer (JANUARY 2020 – JANUARY 2021)
Milliman India Pvt LTD, Gurgaon

Migrating everything to Azure along with creating cross-platform C# applications using .NET Core, which would run in docker containers.

ROLES & RESPONSIBILITIES

- Creating docker containers and writing PowerShell scripts to execute applications on Azure Batch
- Building and maintaining ADF pipeline that was responsible for executing our entire batch process that involved provisioning resources, executing and monitoring the azure batch process, and logging all activities.

- Building CICD and Release pipelines on Azure DevOps
- Porting TestCaseManagers that were earlier hosted locally to Azure WebApps
- Worked with Azure Databricks writing data pipelines
- Mentoring and assisting with the training of junior programmers
- Was also responsible for porting Milliman-MedInsight products from standard .NET Framework to .NET Core for cross-platform compatibility.
- Designing, developing, analysing, testing, debugging, and executing C# applications for Windows and Linux
- Researching and evaluating new development tools and software products to increase programming capabilities as well as creating written developers guides, and training users in system operations

Associate Software Engineer
Milliman India Pvt LTD, Gurgaon
JUNE 2019 – JANUARY 2020

Created cross-platform WPF and Console applications using .NET Core, which could run as standalone applications or with other Milliman products. They primarily analysed and grouped medical data to help organizations visualize the information and help make crucial business decisions.

ROLES & RESPONSIBILITIES
- Mentoring and assisting with the training of junior programmers
- Building and updating Setup files using Inno Setup
- Was also responsible for porting Milliman-MedInsight products from standard .NET Framework to .NET Core for cross-platform compatibility.
- Designing, developing, analysing, testing, debugging, and executing C# applications for Windows and Linux
- Researching and evaluating new development tools and software products to increase programming capabilities as well as creating written developers guides, and training users in system operations

Trainee Software Engineer
Milliman India Pvt LTD, Gurgaon
MAY 2018 – JUNE 2019

Created WPF and Console applications using .NET, which could run as standalone applications or with other Milliman products. They primarily analysed and grouped medical data to help organizations visualize the information and help make crucial business decisions.

ROLES & RESPONSIBILITIES
- Designing, developing, analysing, testing, debugging, and executing C# applications for Windows and Linux
- Researching and evaluating new development tools and software products to increase programming capabilities as well as creating written developers guides, and training users in system operations
- Was also responsible for implementing coded UI Tests for multiple projects.

Education

- B.Tech (Computer Science and Engineering)
  G.I.E.T. Gunupur
  2019
- HSLC: Science
  Loyola School, Bhubaneswar
  2014