Priyanshu Agrawal

Senior Software Engineer

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https://www.linkedin.com/in/agrawalpriyanshu/ • https://github.com/priyanshu92 • https://priyanshu.info

Skills

C# • Asp.net core • React • Jenkins • SQL • DevOps • Docker • Kubernetes

Work Experience

Senior Software Engineer
Oct 2017 – present

GE Digital • Full-time

Bengaluru, India

Technologies: C# • React • Asp.net core • SQL • Jenkins

- Designed and improved an existing data processing tool which reduced the data ingestion time by 90%.

- Written RESTful APIs along with unit tests and end to end API tests.

- Used multi-level caching (InMemory + Distributed) for backend APIs to serve consecutive requests as fast as possible.

- Implemented Retry pattern using Polly for consuming external APIs.

- Implemented JWT bearer authentication and custom authorization using ASP.NET Core authorization policies.

- Consumed the created REST APIs in a React based web app along with unit tests.

- Implemented end to end tests for the frontend using Protractor and JavaScript.

- Implemented real-time communication with SignalR to show the progress of the jobs which are currently running in APM scheduler.

- Created the entire CI/CD pipeline to build, test, and deploy the app using Jenkins.

Senior Systems Engineer
Sep 2015 – Oct 2017 • 2 yrs 1 mo

Infosys Ltd. • Full-time

Bengaluru, India

Technologies: C# • JavaScript • Asp.Net • SQL

- Worked on Microsoft technology stack comprising of .NET Framework, ASP.NET and Sql Server.

- Created HTTP APIs for the Order Management System (OMS) product.

- Created UI with best practices and improved user experience of the product.

Projects

Async Method Name Fixer
Dec 2017 – Dec 2017 •

Technologies: Visual Studio • C#

This is a visual studio extension which analyzes your code and shows code suggestions for asynchronous methods where you are missing the name "Async" at the end. It also provides code fix for the suggestions.

Surround Selection
Jan 2017 – Jan 2017 •

Technologies: Visual Studio • C#

This is a visual studio extension which lets you quickly wrap the selected text with double quotes, single quotes, braces etc.

React Dropdown Tree Select
Aug 2018 – Aug 2018 •

1 coworker

Technologies: React • JavaScript

Contributed feature and bug fixes to the open source library.

Educations

Bachelor's degree: Information Technology   Aug 2011 – May 2015 • 3 yrs 9 mos

Ajay Kumar Garg Engineering College

Ghaziabad, India

Grade/GPA: 76%