

Harshada Pol

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Education

University of North Texas - Current

Aug 2021

Master of Science in Computer Science

Coursework: Software Engineering, Foundations of Database Systems, Introduction to Big Data and Data Science

Smt. Kashibai Navale College of Engineering

Aug 2016

Bachelor of Computer Engineering

Technical

Programming Languages: C#.Net, Core Java, C, C++, Python

Databases: SQL Server, Oracle, PL/SQL

Web Development: JavaScript, JQuery, ASP.NET, Web API, WCF, MVC.net, WinForm, TypeScript

Tools: Visual Studio 2013/2015/2017, SQL Server 2012, Eclipse, DevExpress, Eyseshot, JIRA, GIT, TFS, SVM, IBM JAZZ

Professional Experience

Siemens Technology & Services Pune, India

[Jan 2020 – April 2021]

Software Development Engineer – Apogee Team

C#, .NET, WPF, Python, WinForm, REST, MySQL Server

- Developed and implemented business logic for customized solutions of DesigoCC application, in a team of six people. DesigoCC is an application for building automation.
- Resolved complex technical design issues and demonstrated technical competency in the Smart Building domain using mentioned technologies. Actively engaged on entire lifecycle from requirement gathering, development of product.
- Responsible for handling defects of backlog stories and providing successful delivery of the stories in CI/CD pipeline.
- Active participation in scrum meetings, coordination with teams as well as sprint planning and retrospective meetings.

Digital Info Bytes, Pune, India

[Dec 2017 - Jan 2020]

Software Development Engineer – Glazier Team

C#, .NET, WPF, ASP.NET, SQL

- Improving existing functional services to have idempotency by developing efficient algorithms and improved latency and implemented multi-threading.
- Involved in designing architecture of Facade Pro application, dependent on Elevation Maker which is customized solution used for ease of access and to perform different functions on elevation at a time.
- Involved in Analysis, Development and Release of an application based on C#,.Net, WPF, ASP.Net and SQL
- Worked with the team to gather requirements for the Elevation Maker product in the glazing industry. Involved in an architectural, technical design, mentoring and training process of projects.

Custom Soft, Pune, India

[Aug 2016 - Nov 2017]

Software Development Engineer- OSD Team C#, Java, .NET, ASP.NET, jQuery, JavaScript, AutoCAD API, WinForm SQL

- Developed web and windows applications for a group of Hospitals. The application was mainly designed to maintain medical records, e-prescribing, Patient portal, Billings, Lab reports etc. Also, this application was developed to maintain hospital staff's details of meetings, Patient visit timings, their working hours, Details of patients attended by particular doctor/ nurse. Staff details were maintained mainly using RFID systems.
- Worked on E-Commerce web application used to create/sell/buy policies based on Java.
- Involved in unit testing for important functionalities in modules which were efficient in development using Junit.
- Developed .Net APIs to integrate with AutoCAD application to provide custom functionalities.
- Experience working in an Agile/Scrum development process.

Leadership Experience

- Responsible for providing building automation domain training to new team members at Siemens Technology.
- Mentored and provided training to the elevation team while working at Digital Info Bytes.

Academic Projects

Smart Electricity Meter

- Developed an android app and web app to monitor and control electricity usage.
- It keeps track of domestic electricity usage on a daily or hourly basis. Consumers will get their total electricity consumption and other details on their Android app.
- Along with that MSEDCL authorities will be able to monitor consumption details of each customer in all areas. They will get real time statistics of electricity consumption of a particular area of a city.
- Collected electric meter data to the server using Arduino - Uno hardware chip. Implemented using Raspberry-Pi. The mobile app was developed in Android and a website was developed using PHP.