Harshada Pol

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Education

University of North Texas - Dec'22 *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 in Information technology*

Technical

Programming Languages: C#.Net, Core Java, C, C++, Python
Databases: SQL Server, Oracle, PL/SQL, Azure 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, Eyeshot, JIRA, GIT, TFS, SVM, IBM JAZZ.

Professional Experience

University Of North Texas, Denton, Texas[Aug 2022 - Present] Instructional Assistant - CSCE 5430 Software engineering-

•Assist teachers in the classroom. •Assist in supervising students and keeping them focused and prepared.•Responsible for grading of papers and exams.•Compile and distribute progress reports.•Prepare classroom supplies and organize learning materials.

LinkedIn Corporation, Sunnyvale,California[May 2022 – August 2022] Software Engineer Intern - Infosec Defense- Python, Azure, MSSQL, SQLAlchemy, CI/CD pipeline, PowerBI-

 • Conducted various user interviews with the stakeholders to understand project requirement and use cases • Worked on a project to create/populate/update storage and visualizations for metadata related to security. • Created an Azure SQL database for storage and created different reports in PowerBI to analyze stored metadata. Worked on databases, and/or large-scale data processing. • Created python script to create/populate storage based on metadata files from Azure repository • Worked on creating temporal tables to maintain historical versions of tables. • Added flexibility of modification to DB using SQLAlchemy.

• Gained understanding of CI/CD pipeline, Azure SQL DB, Detection framework, MITRE Attacks/Tactics/Techniques.

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 the 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. Create, implement, and optimize software tools in support of various domains including design, manufacturing, validation, silicon production, systems integration, software application products, or ecosystem enabling.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 a 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 a particular doctor/ nurse. Staff details were maintained mainly using RFID systems. • Worked on an 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.•Mentored team members at custom-soft.