Harsh Pathania

Atlanta, Georgia • 484-477-5157 • akshatrana2007@gmail.com • linkedin.com/in/hp959

WORK EXPERIENCE

Georgia Department of Transportation   06/2024 – Present
SR. SOFTWARE ENGINEER SPECIALIST   Atlanta,GA

- Spearheaded the modernization of a legacy web portal, improving user engagement by 30% within 6 months through C#, AngularJS, and Entity Framework.
- Building modules of application using Angular8 and Node.Js.
- Used CSharp as back end language to developthe REST API.

KFORCE INC   06/2023 – 01/2024
SR. SOFTWARE ENGINEER   BOSTON,MA

- Streamlined the Microsoft Partner Connect (MPC) portal by optimizing microservices architecture, resulting in a 25% reduction in response time.
- Wrote business logic for the MVC 4.0 application in CSharp as backend language with Razor View Engine, Entity Framework to create Model classes in Visual Studio 2022.
- Developed a seamless sign-in feature using Azure Active Directory and OAuth 2.0, improving user access security within 2 months.
- Implemented LINQ to Entity Framework querying on database for data access in application module.

AMERICAN EXPRESS   08/2021 – 05/2023
SR. SOFTWARE ENGINEER   BOSTON,MA

- Increased application performance by 30% through the implementation of optimized layouts and styles in the MVC framework, completed within 4 months.
- Led the design of intuitive user interfaces, fostering collaboration with stakeholders to ensure alignment with user needs and business goals.
- Led the complete Software Development Life Cycle (SDLC) within 6 months, ensuring timely delivery and quality through effective collaboration with cross-functional teams.

MASSDOT   04/2019 – 07/2021
SR. SOFTWARE ENGINEER   BOSTON,MA

- Developed a robust backend for an MVC-based web application in C#, enhancing API interaction efficiency within 3 months.
- Increased application responsiveness by 80% through the design of interactive web forms with HTML, CSS, and React.js, completed within 2 months.
- Established a robust CI/CD framework that improved code quality and deployment speed, fostering collaboration across teams and ensuring seamless production integration.
- Developed and executed SQL scripts for CRUD operations, improving data integrity and accessibility by 70% through efficient database management practices within 2 months.

CATERPILLAR INC   05/2017 – 12/2018
SR. SOFTWARE ENGINEER   Peoria,IL

- Developed a dynamic web application using ASP.NET MVC 4.0, C#, and JavaScript, enhancing user experience and functionality within 4 months.
- Designed a scalable database structure using E-R modeling, enhancing data integrity and accessibility within 3 months.
- Collaborated with team members to define class attributes and behaviors, ensuring alignment with project requirements and improving overall project quality.

EDUCATION

MASTER OF SCIENCE in Computer Science
UNIVERSITY OF ILLINOIS • GPA: 3.62/4.0   Springfield,Illinois • 08/2015 - 12/2016
Bachelors of Science in Computer Science
LOVELY PROFESSIONAL UNIVERSITY • GPA: 3.0/4.0   Punjab,India

CERTIFICATIONS

Hackerrank Problem solving certificate
Java Programming with Software
Certified SAFe 4 Practitioner
Front-End Frameworks: AngularJS

SKILLS

LANGUAGES: Csharp, Java, JavaScript, Python

FRAMEWORKS: Angular(8,12,14), ASP.NET, HTML, NodeJs, ReactJs

DEVELOPER TOOLS: AzureDevops, Eclipse, Github, VisualStudio 2022

DATABASE TECHNOLOGIES: MSSQL2012/2016, MYSQL, Oracle11g/12g

CLOUD TECHNOLOGIES: Azure DataLake, AzureIAAS/PAAS, AzureServiceBus, AzureWebApps, LogicApps