Rohit Kharat
Lead Consultant

Lead Developer with 9+ years of experience in software development. Proven track record of leading high-performing teams and successfully delivering complex projects on time and within budget. Expertise in full-stack development, specializing in Microsoft technologies and cloud-based solutions. Skilled in agile methodologies and DevOps practices, with a focus on continuous integration and delivery. Strong leadership, communication, and problem-solving skills. Passionate about driving innovation and delivering exceptional user experiences.

Contact

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Education

2023
Master of business Administrator (persuing)
IIM Nagpur

2011
Bachelor degree of engineer
RTM (Nagpur) Nagpur unversity

Expertise

- Python, C#, TypeScript, JavaScript
- ASP.NET, ASP.NET Core, WebApi, Node, Angular, React
- AWS, Azure

- PostgreSQL, MongoDB, MS SQL, Oracle, MySQL
- DevOps: Docker, Kubernates, Jenkins, Git and Bitbucket
- Apache Airflow, JIRA, Rally

- MSMQ, NService Bus, SQS Queue

Language

English

Hindi

Marathi

Experience

2021 - Currently working here

Saksoft LTD

Lead consultant

Project - Job Submission Service

1. Users submit job requests via the .NET Core Web API, specifying job details.
2. The .NET Core Web API validates and adds the job requests to the Airflow scheduler's task queue.
3. The Airflow scheduler periodically triggers job execution and sends tasks to Celery workers.
4. Celery workers, deployed on EC2 instances, execute the jobs, utilizing Spark for distributed data processing if required.
5. Completed job results or outputs are returned to users through the .NET Core Web API.

Project - Canvas

1. Canvas is a micro front-end platform.
2. Users can register their applications with Canvas.
3. Single-SPA framework is used for application integration.
4. Registered applications are dynamically loaded into the Canvas UI.
5. Shared navigation system allows seamless navigation between applications.
6. Simplifies development of modular applications.
7. Enables easy addition or removal of applications.
8. Enhances user experience and facilitates scalability.

Roles and Responsibility

- Successfully led the development of a Job Submission Service, enabling users to submit Spark and Ab-initio jobs.
- Utilized Python and ASP.NET to handle job submission and orchestration, ensuring efficient execution using Apache Airflow.
- Leveraged AWS for scalable infrastructure and cloud-based resources, optimizing performance and reliability.
- Led the development of a dynamic Portal Application, providing user guides and documents.
- Developed user-friendly interfaces using Node.js and React.js, enhancing the user experience and facilitating easy navigation.
- Spearheaded the creation of Canvas, a micro frontend application built on Angular.js and Node.js.
- Enabled users to register applications on the platform and provided a consolidated view of all registered applications.
- Implemented security measures with Kong, Ping, and Vault to ensure secure communication and access control

Experience

- Collaborated with cross-functional teams to gather requirements, define project scope, and ensure timely delivery of high-quality software solutions.
- Implemented agile development methodologies, including daily stand-ups, sprint planning, and retrospective meetings, resulting in improved team productivity and on-time project delivery.
- Conducted code reviews, mentored junior developers, and provided technical guidance to ensure adherence to coding standards and best practices.
- Utilized DevOps practices to automate build, test, and deployment processes, resulting in faster release cycles and improved software quality.

2017 - 2021

Datamatics Global Service LTD

Senior consultant

Project - ARI Fleet

- ARI fleet application manages data from various vendors, such as General Motors, Ford, etc., related to fleet operations.
- Data includes information about driver behavior, such as speeding, hard acceleration, harsh braking, as well as diagnostic and geofence data.
- Data is obtained from vendors through regular interval pulls or direct data pushes from certain clients.
- The application uses XSLT (Extensible Stylesheet Language Transformations) to transform the received data into a desired format.
- Transformed data is then stored in an Oracle database for further processing and analysis.
- The application facilitates fleet management, providing insights into driver behavior, vehicle diagnostics, and geofence-related events.
- Stored data can be used for generating reports, tracking performance, and identifying areas for improvement in fleet operations.

Project - Go-Health

- Go-Health is an ASP.NET MVC application for Cigna TTK that allows users to buy health insurance policies.
- Users provide data, and the application calculates premium and coverage using Cigna TTK's algorithms.
- It offers a user-friendly interface to compare policies, select options, and make secure payments.
- Users can access policy details, payment history, and documents through the application.
- Go-Health streamlines the process of purchasing health insurance, enhancing user experience and data security.

Roles and Responsibilities

- Collaborated with cross-functional teams to gather requirements, define project scope, and ensure timely delivery of high-quality software solutions.
- Implemented agile development methodologies, including daily stand-ups, sprint planning, and retrospective meetings, resulting in improved team productivity and on-time project delivery.
- Conducted code reviews, mentored junior developers, and provided technical guidance to ensure adherence to coding standards and best practices.
- Utilized DevOps practices to automate build, test, and deployment processes, resulting in faster release cycles and improved software quality.

2015 - 2016

MRR Soft

Junior software engineer

Project - Z-Node

- Z-Node is an application that allows customers to create their own e-commerce platforms.
- Customers can customize the UI and configure e-commerce settings to fit their needs.
- It provides features like product management, payment gateways, and order processing.
- Z-Node simplifies e-commerce platform creation without extensive development.
- Customers benefit from scalability, user-friendliness, and reliable infrastructure.

Roles and Responsibilities

- Worked on the ZNode E-commerce Framework, allowing non-IT personnel to build eCommerce applications.
- Collaborated with the team to gather requirements and implemented new features.
- Developed financial calculators and handled application development, maintenance, and support.
- Deployed the application on Azure and implemented cloud services for media files.

2013 - 2015

Delaplex (QMCPL)

Senior software engineer

Project iPlan and iPlan Pro

- The financial planning application is a web-based tool used for planning and achieving financial goals.
- Users provide inputs, and the application guides them towards reaching their targets.
- The application includes a companion application called iPlanPro for financial advisors.
- Financial advisors can register on iPlanPro and connect with iPlan customers to provide guidance and grow their business.
- The application utilizes a cloud service from Windows to host the application.
- Static files are stored on a blob service, and CDN is used to access them based on application requirements.
- This architecture ensures efficient hosting, storage, and delivery of the application and its resources.

Roles and Responsibilities

- Capture and gather functional requirements from stakeholders.
- Coordinate with the onshore team for clarifying requirements.
- Code, perform unit testing, and assist in system testing.
- Contribute to application development, maintenance, and support.
- Handle Change Requests (CRs) and bug fixes.