Deepak Yadav

Lead Engineer Fullstack (.NET | Angular | React | AWS)

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Skills

Frontend Development
Advanced

◆ ◆ ◆ ◆ ◇

Angular, React, jQuery, TypeScript, mantineui, sproute, javascript, bootstrap

Backend Development
Advanced

◆ ◆ ◆ ◆ ◇

.NET Framework, C#, Web API, ASP.NET MVC, .NET Core, Web APIs, Miscroservices

Cloud & DevOps
Intermediate

◆ ◆ ◆ ◇ ◇

aws services, rds, EKS, Azure Devops-CI/CD, cloud-watch, Datadog, Sonar Qube

Databases

◆ ◆ ◆ ◇ ◇

sql server, mysql, postgres, mongodb

Interests

Creative Hobbies
Sketching, Teaching, Browsing

Certifications

AWS Certified Cloud Practitioner
Amazon Web Services
2021-11-01

Microsoft Technology Associate (Web Dev Fundamentals – 98-363)
Microsoft
2020-01-01

Summary

Lead Engineer with over 10 years of experience in full-stack application development and team leadership, having progressed from a software developer role since 2013. Expert in building scalable, cloud-native solutions using modern frontend frameworks like React, Angular, JavaScript, Sprout, and Mantine, along with a robust backend stack including ASP .NET, .NET Core, Web APIs, and RESTful services.

Well-versed in working with relational databases such as SQL Server, MySQL, and PostgreSQL. Demonstrated proficiency in AWS cloud services, including EC2, RDS, S3, CloudFront, Lamda functions, and containerized workloads via EKS and Docker. Experienced in setting up CI/CD pipelines, infrastructure automation, monitoring, and cost optimization strategies in cloud environments.

Skilled in leading cross-functional teams, managing agile development lifecycles, and delivering high-quality enterprise applications with a focus on performance, security, and cloud efficiency.

Experience

Exafluence	**2023-06-01 - Present**
Lead Engineer	Houston-Tx
ATOS|SYNTEL	**2021-06-01 - 2023-07-01**
Sr Software Engineer	
Majesco	**2020-07-01 - 2021-06-01**
Software Specialist	Houston-TX
Majesco Software and Solutions	**09-01-2017 - 06-01-2017**
Software Specialist	Mumbai
Deloitte Touch Tohmastu India LLP	**02-01-2017 - 09-01-2017**
Sr Analyst - Tax	Mumbai
Citiustech	**12-01-2015 - 01-01-2017**
Sr Software Engineer	Mumbai
Rave Technologies (aka NEC softwares)	**10-01-2013 - 12-01-2015**
Sr Software Engineer	Mumbai

Awards

Feather InCap
Rave Tech

Extra Miles achiever
American Family Insurance

Quarterly recognition
Citiustech

Top Performer
Majesco

Languages

English
Fluent

◆ ◆ ◆ ◆ ◇

Hindi
Fluent

◆ ◆ ◆ ◆ ◇

Marathi
Fluent

◆ ◆ ◆ ◆ ◇

Projects

ProAg - PAW

Project overview : ProAg delivers crop insurance that provides a level of security to farmers and ranchers. It has multiple internal and client facing applications to carry out regular business needs. ProagWorks portal behaves as policy admin system and Quoter deals with different policy quote variations, DAS is for Adjusters to handle claims and related documents.

Tech Stack: Asp.net, .net core, react, kendoui, javascript, micsroservices, web api, azure servicebus, sqlserver,postgres, aws services, cloud-watch, datadog,Enterprise Artchitect.

Responsibilities and Learning:: Job duties include the following: analyzes, designs, develops, and implements a complete life cycle of application

development environment to support business applications.

Utilizes various tools and software including but not limited

to: ASP.NET MVC, C#, Rest API, Web API, ReactJS, Javascript, JQuery, Web Services, SQL Server, Angular, JIRA, etc.

Supervises team members. Provides technical support and

conducts testing for efficiency. Documents work performed in business terms, etc.

Tokio Marine HCC: Global Travel Australia

Project Overview: Global travel Australia has B2C and PAS portal to buy travel policies and manage them. Payment integration service and premium calculation APIs are being used to get the quotes and premium.

Tech Stack :

ASP.NET MVC, Rest API,ReactJs, Angular 8, JavaScript, Jquery, Web Services, SQL server

Roles and Responsibilities

- Develop unit test cases that ensure complete test coverage for technical and functional requirements

- Created Angular application architecture for the extensible projects

- Defect fixes and retest to closure

- Major contribution is to restructure responsive UI compatible with Android and IOS.

- Review and analyze application programs whenever any new requirement comes from business, check code and identify the problems in code.

Projects

SafeAuto: Safe-auto -Quote and Bind Portal

Project Description: Safe-auto platform quote bind is a web-based application which serves as a primary quoting system for the end users willing to opt Safe-auto as their auto insurance provider. Project scope is to rewrite the existing quoting system as per the new business strategy requirement and upgrading the current technology stack. Latest features of Angular 4/5 have been used to give enhanced user experience.

Tech Stack : ASP.NET 4.6.2,Web API, Angular 4, jQuery, Web Services, SQL server, SSIS, SSRS

Responsibilities and Learning:

- Enforced implementation of Test Driven Development(TDD) and pair programming.

- Worked on Azure authentication and active directory login.

- Added token-based authentication in each API request.

- Worked on creating global monitor service in angular to keep track of execution time in detail level

- Implemented Activity log and different report creation.

- Designed rule engine architecture with entity framework with code first approach and worked on migration.

- Designed the scalable framework that got extended over 14 states of USA.

- Integrated 3rd party API such as guidewire and closely worked with external team to fix the issues and requirement gaps.

- Worked on performance optimization and code restricting which has played a significant role in user experience improvement.

- Created technical documentation and flow diagrams for important functional components.

- Taking care of release management activities on following environments, DEV,QA, UAT,STAGING,PRE-PROD.

Deloitte: GST Bolton

Project Description:GST Bolton Tool is basically used to automate the process to extract and transform the form 26 AS excel and to match the entries. Also providing functionality to manually match the entries by user. It helps in filling TDS returns of organizations.

TechStack : ASP.NET MVC, AngularJs, JavaScript, Jquery, Web APIS, SQL server, SSIS.

Responsibilities and Learning:

- Implemented high performance, real time data tax reform for GST enforcement for Deloitte

- This is first time one of the big 4 companies launched their customized tool for clients to process

- Tax ledgers and book of accounts.

- Worked on SSIS jobs and package creation

- Enhanced the user experience by implementing async and parallel programming.

- Written problem solving algorithms for complex tax calculation

- Managed to work in distributed team.

Projects

American Family Insurance

Project Overview: Pol-Admin is a PAS where user can create quote, turn the quote into policies, renew policies, rewrite policies, add endorsement, remove endorsements, add claims, process claims and a lot more. Rating service is core of rating logic used to compute the premium considering various factors.

Tech Stack: C#, WCF service, Rest API, ReactJs, web API, PLSQL db, Angular 8, postman, swagger UI.

Responsibilities and Learning:

• Develop features and use debug tools to meet the product quality requirements as specified.

• Plan the development strategies according to the business requirements & programming techniques to be used.

• Create testcase and low-level design documents.

• Setup and deployed application on AWS infrastructure including RDS and EC2.

• Test newly added features with existing application. After completion of unit testing deploy the changes on development servers. This includes UI enhancements, Database script development.

• Develop / Enhance project artifacts (e.g. Code, UTPs, etc.) to meet the defined schedule and estimates.

• Escalate/raise a flag to the immediate Manager in case of time, effort and / or quality slippage

• Make builds and release through CICD pipeline.

• Created projected knowledgebase by adding resource file and documentation through Confluence.

• Perform application source code maintenance and setting configurations using Bibucket.

• Used Bitbucket Pipelines is an integrated CI/CD service built into Bitbucket.

• Using JIRA to track sprint progress, user story creation, Capacity planning, effort estimation, to fetch release information.

Education

Welingkar Institute of Management   **2018-01-01 - 2020-01-01**
Operations Management   Post Graduate Diploma
71%

Mumbai University   **2009-01-01 - 2013-01-01**
Computer Engineering   Bachelor
69%