

KESHAV SINGH

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EXPERIENCE

Software Engineer

25 Jan 2021– 14 July 2023

Unthinkable Solutions LLP – Backend .NET Developer

Gurgaon, Haryana, India

Project: Microservices

- ⇒ Implemented gRPC Microservices using the .NET Core Framework and integrated them into the aggregator, with experience in using tools like Protocol Buffers and gRPC-Web protocol.
- ⇒ Enhanced API response time to 4s from 7-8 seconds, resulting in a 40% improvement in performance by transforming synchronized API calls to asynchronous processing by using AWS SQS Queue and Mass Transit Package. + By moving the old Api to microservice.
- ⇒ Created reusable packages like salesforce, salesforce query builder, SQL, no SQL, token, cryptography, core and helper. Deployed them privately on NuGet packages for efficient code sharing and maintenance using the pipeline.
- ⇒ Prepared RCA (Root Cause Analysis) report and provided recommendations to resolve the critical issue affecting APIs during user validation.
- ⇒ Worked on numerous proofs of concept (POC) i.e., for all package, generate the models from schema, load all the configuration and bind it to configuration object etc.
- ⇒ Implementation of Test-Driven Development (TDD) approach and Developed unit tests using NUNIT and MOQ to ensure code quality and minimal bug/defects.
- ⇒ Working in agile methodologies including daily stand-ups, sprint planning, and retrospective meetings to ensure timely and high-quality deliverables were met within the customer's deadlines.
- ⇒ Responsibilities include analysing technical requirements, providing effort estimation and refining requirements.

Project: Push Doctor Private and GP Ltd

- ⇒ Develop and maintain **RESTful APIs** using **AWS Serverless API Gateway + Lambda +ASP.Net Core Web API** for the Push Doctor and GP mobile application. Implemented the OAuth like MFA with SMS and email, login, login with temp, change-password/email/mobile number, forgot-password.
- ⇒ Collaborated with cross-functional teams, including front-end developers, QA engineers, and project managers, to deliver high-quality software products.

Project: Customer Support [Data Protection]

- ⇒ User can raise, cancel and get the ticket detail.
- ⇒ In backend we created using event bus [have rules for directing the request to specific lambda] + Appflow + lambda + salesforce [here ticket created using event], so that API response time remain fast.

Marlabs – Backend Developer

17 July 2023– 13 OCT 2023

Project: Loan worksheet, Loan origin,

Bangalore, Karnataka, India

ApplicationRisk, Third Party, Associate Service

- ⇒ Worked on entity framework, creating the API. Suggested the changes related to optimization of code.
- ⇒ Integrated the encryption and decryption using AWS kms symmetric key on columns at the partial model binder. [Created the convertor]

R Systems – Senior Software Engineer

12 FEB 2023– Present



Project: Autodata

Noida UP, India

- ⇒ POC for ARM deployment for vpn, sql, subnet etc.
- ⇒ Implemented Oauth using Azure AD b2c and Ad B2c Policy.
- ⇒ Worked on push notification using signalr.
- ⇒ POC For k8 deployments and datadog integration.

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EDUCATION

Jaipur Engineering college & Research Centre Jaipur

*Bachelor of Technology in Computer Science, Secured
an aggregate of 72%*

*Jaipur, Rajasthan
Aug 2017 – Aug 2021*

SKILLS

C#, .Net Core, ASP.NET Core Web **API**, REST, **gRPC**, **Microservices**, OOPs, Unit Testing [NUnit], **TDD**, SOQL, Visual Studio, Agile methodology, **Angular**

Database: MySQL, Mongo Db, Salesforce, Postgres, Redis, OpenSearch

OS: Windows, Linux

Tools: Jira, Bitbucket, **Azure DevOps**, Git, SonarQube,

AWS: App Config, Parameter Store, KMS, SQS, SNS, SES, Event Bus, App Flow, API Gateway, Lambda, Cognito, Step Functions, Dynamo DB, S3 bucket, Cognito, step function, SAM CLI

AZURE: SignalR, Storage, Vault, SQL Server, VPN