

Pabitra Singh
Backend Engineer

Personal Info

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Summary:

Microsoft Azure Certified professional with over 8+ years of experience in the industry. Shipping multiple products and services by applying industry best practices & cloud based solutions.

Experience:

1. Senior Backend Engineer - Contractor

Wizards of the coast LLC, USA. | From 2020 – Present

- Working as Remote Developer from Bangalore, India.
- Contribute to the technical design of new features & POCs.
- Design, Develop, Code, Test & Debug microservices using C#.Net Core, NodeJS, AWS.
- Diagnose, Triage and resolve any bugs / defects found in Quality Engineering process.
- Collaborate with Product Owner, Architects and Business Analysts to translate user requirements into Technical Design Specifications.
- Support team members & developers by doing code reviews, pair/mob programming and knowledge sharing sessions.

2. Software Engineer

Quest Informatics Pvt Ltd, India. | From 2014 – 2019

- Developed Web API using C# , ASP.Net Core for After Market Sales and Services.
- Designed clean and well-structured SQL Server Database Design, Stored Procedures, Views, Functions.
- Worked as SPOC for all deployments onto AWS.
- Lead the effort to harness .Net Core 1.0 into the our development stack.

Certification:

1. Microsoft Certified Azure Fundamentals. (AZ-900)
2. Sumo Logic Fundamentals Certified.

Technical Skills: C#.Net Core, ASP.Net Core MVC, Web API, Entity Framework, SQL, NoSQL, NodeJS, Apollo GraphQL, Typescript, JavaScript Frameworks, AWS, Docker, Kubernetes , CICD

Soft Skills: Leadership, collaboration, critical thinking, time management, communication

Projects:

1. Gatherer-Next | from Jan, 2022 - Present

- Currently working on this project to migrating the legacy gatherer.wizards.com using latest tech stack like NestJS, TypeScript, Apollo GraphQL, PostgreSQL, Redis, TypeORM on the backend and NuxtJS on the frontend. Using AWS and Kubernetes for all resources and deployments.

2. Deck List micro Service | from Jan, 2022 - Mar, 2022

- Designed and developed from ground up this microservice to provide the users deck building capabilities on Gatherer-Next web application. Used AWS and Kubernetes for all resources and deployments.
- Used NodeJS, TypeScript, Sequelize ORM, PostgreSQL and Apollo GraphQL as the development stack.

3. Timer micro service | from Jan, 2021 - Feb, 2021

- From scratch developed, tested, staged and deployed to production. Schema Stitched it into [API Gateway](#)
- **Timer** is a node.js microservice offering pausable / resettable timers through a GraphQL API.
- eventlink.wizards.com uses this services along with a host of other microservices on the backend.

4. Twilio Messaging Service | from Mar, 2021 - Jun, 2021

- Developed from scratch and deployed to production. Designed Web API using C#.Net Core, ASP.Net Core Web API. Used xUnit and Moq mocking framework for unit test cases.
- twilio.wizards.com is used to send Text Messages to official partners of MTG Games, Retailer, Dealers & Tournament Organiser about new SETs releases, new MTG Events and Tournament.

5. **Event Link | from Mar, 2020 - Dec, 2020**

- eventlink.wizards.com is a Vue.JS application that interfaces SGS [API Gateway](#) for all application data.
- As a backend developer I worked on different micro services to add new stories, bug fixes enhancing existing features, write Unit Test cases. Contributed to the ongoing development of the project.

6. **Locator | from Jul, 2021 - Dec, 2021**

- locator.wizards.com is a Vue.JS application that presents the users to locate a store or MTG events.
- As a backend developer I worked on event reservation microservice that handles all backend work.

7. **Fuel Trial | from Oct, 2016 - Mar, 2017**

- fueltrial.tatamotors.com is a web Application that keeps track of all the Fuel Trials done by Tata Motors.
- Developed from scratch using C# .Net Core 1.0 version, ASP.Net MVC & MySQL to store the data.
- Integrated Swagger UI to visualize and interact with the API's resources.
- Did the Nginx server setup on AWS, reverse proxy to Kestrel server to deploy the app

8. **PDI | from June, 2017 - Mar, 2018**

- Developed from scratch using C# .Net Core 2.0 version, ASP.Net MVC & MySQL to store the data.
- pdi.tatamotors.com Pre Delivery Inspection is a web application that processes and stores vehicles inspection details before delivery to the customer by Tata Motors Dealers.
- Integrated Swagger UI to visualize and interact with the API's resources.
- Did the Nginx server setup on AWS, reverse proxy to Kestrel server to deploy the app.

9. **Suraksha - AMC | from Apr, 2018 - Dec, 2019**

- suraksha.tatamotors.com is a web application that handles annual maintenance contracts details.
- Collaborated and supported other team of developers to deliver this application.
- Did the Nginx server setup on AWS, reverse proxy to Kestrel server to deploy the app.

10. **Customer Centre | from Nov, 2015 - Apr, 2016**

- play.google.com/CustomerCenterLive is a hybrid Mobile Application that offers an easier channel for communicating with Customer Support team on the matters related to After Market support.
- Developed REST API for consumption in mobile app using C#, ASP.NET MVC, SQL Server and Microsoft Azure IaaS.

Education:

Biju Patnaik University of Technology. Odisha, India | 2007–2011
Bachelor Of Technology (B.Tech) in Computer Science & Engineering,