Bibek Saini

Senior Full Stack Software Developer

📇 CONTACT ME

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🛠 SKILLS

FRONTEND

Angular 8+ RxJS HTML5 CSS3

SCSS JavaScript(ES6+) TypeScript

BACKEND

Java 7+ ASP.NET Core

Entity Framework Spring Framework

Java Persistence API(JPA)

DATABASE TOOLS

MS SQL Server Azure SQL MongoDB

DEPLOYMENT TOOLS

Docker Kubernetes

Azure Kubernetes Services Helm

FRAMEWORKS & DESIGN PATTERNS

Micro-Services RESTful API gRPC

Consul Ocelot

VERSION CONTROL

Git Github Github Desktop Fork

Mercurial

🎓 EDUCATION

I. K. Gujral Punjab Technical University.

2012 - 2016 Amritsar, Punjab IN. Bachelor's of Technology Computer Science and Engineering.

💼 WORK EXPERINECE

CatalystOne Info Solutions Pvt Ltd.

Senior Software Engineer (Dec, 2020 - Present)

- Developed frontend applications, re-usable components using Angular(8+), RxJS.
- Developed UI/UX components using HTML5, CSS3(Bootstrap, Material UI, Animation css).
- Built RESTful Api to perform CRUD operations.
  - Used Swagger(OpenAPI) design, build, document and use RESTful web services.
- Mentored multiple teams for building strategies of various modules.
- Used Jira, Confluence for best practices, software documentation and sprint management.

Software Developer (May, 2018 - Nov, 2020)

- Developed candidate api backend so CatalystOne application can be integrated with 3rd party applications like **ReachMee**.
- Designed and implemented Invoice Manager to help client's organisation digitise their invoice generation system and manage their sales data.
  - Designed app using ASP.NET MVC and implemented core framework using C#.
  - Written unit test coverage cases using xUnit.
- Modified existing code to increase performance of application by 70%.
- Implemented private email feature in module workflows which let user access application as temporary/external user and which minimal access to resources.
- Implemented support for visibility filters feature in workflow module to show or hide fields in user profile based on filter criteria.

Associate Java Developer (July, 2016 - April, 2018)

- Implemented support for multiple role profiles in workflows module so users can assign task to their different profiles.
- Implemented new date calculation mechanism that converts entered days to deadline date for task based on start date so users can set deadline to various task.
  - Also developed reminder mails for task deadline so users don't miss their task's deadline.
- Implemented new UI for module workflows so user experience can be enhanced using HTML5, CSS3, jQuery.
- Implemented new feature in trigger mails to send notification mails when some data is scheduled in user profile so user get notified.
  - Implemented change tracking mechanism using Java so changes done in user profile can be tracked.
  - Created new UI for notification mails using HTML5, CSS3.
- Developed custom system roles and integrated them to person type fields in CatalystOne application so that an organisation can create custom roles as per their organisation needs.
  - Created servlet and other layers to accept data from client using Java and stored it in MS SQL Server database.

Trainee Java Developer (April, 2016 - July, 2018)

- Designed and implemented rewards and recognition(R&R) module that will help to increase motivation of employee to achieve the best achievement.
  - Developed various layers like business logic, data access layer using Java and used MS SQL Server to store data.
  - Designed interactive UI using HTML5, CSS3, jQuery and Apache velocity template engine to merge dynamic data in template.
- Documented various sections of application on Confluence to be used for training new hires.

💡 PROJECTS

Task Manager

Micro-services app

- Built a micro-services architecture application which provides management services like invoice manager and task board which allow users to manage their task or help organisation's digitise their invoice generation system.
- The whole project is divided into various micro-apps based on their individual responsibility that each micro app need to perform.
- Used:
  - Angular(8+) for frontend client application.
  - Java Spring Framework, ASP.NET Core web api for backend micro web apps.
  - Consul Service Mesh combined with Ocelot Api to built a gateway api for communication with client application.
  - gRPC for inner app communication.
  - Docker for container image creation.
  - Kubernetes for container-orchestration for automating computer application deployment, scaling, and management.