VAIBHAV GOYAL

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Solution Architect and Developer at heart with experience in designing and building No-Code platforms and embedded BI solutions.

Technical focus areas include Microservices, Observability in Microservices, Cloud and Web Platforms, CI/CD, No-Code, and Embedded BI.

Experience

Technical Lead @ Method:CRM, Toronto, Canada | May 2019 - Present

Key Tools and Skills: ASP.NET Core, OData, RabbitMQ, SQL Server, MongoDB, Elastic Search, AWS, Identity Server, Swagger, ReDoc, Telegraf, InfluxDB, Grafana, ELK, Jenkins, TFS, Ansible

- Technical Leadership and mentoring: 3 member development team.
- Design, Build, and Run developer API ecosystem for No-Code platform, loosely implement OData spec, Method API | Documentation.
- Design and Build Data Access Layer and Rules Execution Engine for No-Code platform
- Build and maintain Zapier integration for CRM system. Method CRM Integrations | Connect Your Apps with Zapier.

Solution Architect @ TechBlocks, Toronto, Canada | June 2018 - March 2019

Key Tools and Skills: Microservices, React, Azure IOT, CQRS, DDD, Jenkins, Octopus Deploy, ASP.NET Core, RabbitMQ

- Technical Leadership and mentoring: 6 member development team.
- Proof of Concept cloud solution for a smart thermostat using Azure IOT Hub and Azure IOT DPS.
- Pre-Sales, design, and development of a microservices solution for internal product distribution solution for a leading car manufacturer in Canada.

Solution Architect @ GE Digital (Meridium), Bangalore, India | Aug 2010 - May 2018

Key Tools and Skills: Microservices, ASP.NET WEB API, ASP.NET Core, Azure, Cloud Foundry, KnockoutJS, SSAS, SSRS, Quartz.NET, RabbitMQ

GE APM

- Technical Leadership and mentoring: 10 member development team.
- Design and build asset benchmarking solution.
- Design and build the product's embedded BI platform.

- Design and build a no-code platform's metadata design and management application.
- Design and build a no-code platform's job scheduling application.
- Design and build tenant provisioning and on-boarding solution.

Module Lead @ Proteans Software (Client: Meridium), Bangalore, India | Feb 2008 - Aug 2010

- Design and development of enhancement and upgrades of the product's BI module.
- Design and develop an Excel-like data entry solution in Silverlight extensively using templates and custom controls.
- Development and support of product's ASP.Net 2.0 Web Forms application.
- Development and support of product's reporting module.

Software Engineer @ Sapient, Bangalore, India | June 2005 – Jan 2008

- Requirement gathering and documentation
- Development of workflow management application in ASP.NET Webforms for a leading Gas Distribution and Utilities.

GitHub

- [DynamicODataToSQL](): NuGet package to convert OData query to SQL query when the data model is dynamic and hence entity framework or any other ORM with IQuerable support cannot be used.
- [MarsRoverPictureLibrary](): ASP.NET Core, React and Docker showcase.

Skills

- **Languages and Frameworks:** `C# .NET Core ASP.NET Core Javascript Typescript`
- **Databases:** `SQL Server Mongo DB Elastic Search`
- **Cloud and Hosting:** `Azure AWS Cloudfoundry Docker`
- **DevOps:** `GitHub Jenkins Azure DevOps Ansible`
- **Monitoring:** `Telegraf Influx Prometheus Grafana ELK`
- **Frontend:** `HTML5 CSS3 React Angular KnockoutJS`

Education

- B.Tech and M.Tech | Indian Institute of Technology, Madras, India | 2000 to 2005