

Rajesh Kumar

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Summary

Eleven years' experience in IT Industry, worked in various phases of the Software Development life cycle. Worked with Enterprise Web and Mobile applications. Currently working with Angular UI and Java SpringBoot Rest APIs. Worked on different API stacks and that includes ASP.NET Web API, NodeJS, Python Django and Java SpringBoot. Worked on microservices, containerized applications using docker and deployed on K8s container services in azure and open shift cloud platforms. Worked on Kafka data stream, Redis cache, Configured API gateways using Nginx and in the database side, worked on MS SQL server, mySql, Oracle, Mongo and Cassandra DB. Worked with Elastic Search APIs for exception and error logging and monitoring. Use Git as a source control currently and worked with TFS and SVN earlier. Built CI/CD pipelines using jenkins and spinnaker. Worked with scrum teams with developers from different geographies and built applications for Banks, Financial services and E-commerce companies. Worked with AWS cloud and Azure Cloud services.

I explore similar technologies as I believe in technology agnostic solutions, and would like to find the apt tech stack for the problem in hand. I like playing with and evaluating different programming platforms and related cloud services. I learn and use others code and contribute to open source where ever possible.

Electrical and Electronics Engineer with interests in Computers. I like spending time programming computers, develop applications that helps me and people around me to get their information in an organized form.

Experience



Associate Architect

Dec 2016 - Present

EY

As an Application/Solution Architect, evaluating the current application architecture, arriving at initiatives to improve the quality of information flow within the business lines based on short and long term goals of the company, evaluating different tech stacks and help software development team perform to their fullest capability with the identified tools and technology and thereby creating business value. Work includes Developing web applications using angular, springboot/asp.net web API core/nodejs, evaluating DevOps tools for continuous integration and deployment, creating robust application error logging frameworks using elastic search etc, or identifying open source frameworks for ease of app dev.

Prog Languages used at work: C#, Java, JavaScript, TypeScript

Web Framework: ASP.NET Web API Core, Java Springboot, NodeJs, Angular

DataStream: Apache Kafka

Cache Tech: Redis

DB: MS SQL Server, Casandra

Cloud: Azure Iaas,Paas, Open Shift

Identity Service: Azure AD using SAML & OAuth protocols

Container Tools: Docker, K8s

Web Servers: Nginx, Apache Tomcat, IIS

Projects worked:

Private Banking Global Fund Transfer(GFT) App Dev : A private bank based out of US had 3 different web portals for their customers one for North Americas, one for EMEA and one for APAC with 3 different logins and managing different account details. The new web portal developed as part of this project is a unifying work with just one login for all regions and enabled global view for the private bank's customers. Angular, Springboot Java microservices, Docker, Kafka queues are the tech used.

BlockChain Based Identity Verification: Worked on identity management and verification using bitcoin blockchain using an open source from MIT called BlockCerts. Implemented individual identity entity block hashing using cryptographic libraries and worked on broadcasting transaction to the bitcoin blockchain in testnet mode using rest APIs. Python, JS, NodeJS and Docker are the technologies used.



Senior Associate - Technology

Feb 2013 - Dec 2016

SapientNitro

Redesign and development of existing Grocery E-Commerce web application. As part of the redesign, business logic that was developed in WCF technology that powered the existing web application was Re-developed into RestFul HTTP Web Services using the latest ASP.NET WEB API and Node.js technologies. The developed RestFul web services, apart from being the business engine for big web UI, also powered the new grocery Mobile applications that was developed in various native forms like iOS, Android and Windows Mobile platform.

Worked in Agile software development mode. Analysing the existing WCF application business logic, designing the new restful web service, getting the minimum viable product(MVP) for each sprint, developing and testing the MVP in each sprint, evaluating Cloud offerings to deploy the web services in cloud etc, were my day to day work in Sapient.



Developer Support Engineer

Jul 2011 - Feb 2013

Microsoft

Microsoft .Net platform is the most popular and one of the most powerful development platforms. Here I worked with the smartest and the most creative minds in the field of software development. It comprises of extremely diverse and the most complex portfolio of technologies in the Developer Space. Responsibilities include working with the customer to understand their technical environment, use trace analysis, source code review, and other debugging tools to analyze the problem and arrive at the solution to the extent of working with the product development group to fix bugs or design change requests.

Help Microsoft .Net Application developers with their asp.net web applications hosted in Internet Information Services. Identifying buggy code that consumes high CPU, Leaks Memory or that crashes the application and helping application developers to rectify such buggy code by providing alternate code examples. Creating Knowledge Base articles that helps developers get quick solution. Working with Technology Adoption Partners of Microsoft that involves identifying issues with alpha/beta version of the new version of asp.net/IIS and help channelize issues to the Product Development Team.



Associate Projects

Nov 2010 - Jun 2011

Cognizant

Worked in the development of Wire Transfer application using asp.net and US Federal Reserve web services following best software development practices. Worked with a global financial services client and the project had maintenance and support activities as the availability of the wire transfer applications are extremely critical. The project involved providing application production support for all enterprise applications following the ITIL Process.



Program Analyst

Dec 2007 - Oct 2010

Cognizant

Worked in the development of Check Management application for a Bank based financial services company following service oriented architecture. The application had an ASP.NET web forms frontend powered by Java Web Services and a Web Methods layer.

Education



Anna University

2003 - 2007

B.E, Electrical and Electronics

Skills



Java • C# • Angular • Software Development • Agile Methodologies • Cloud Computing IaaS • Cloud Applications • CICD • API Development • TypeScript

Certifications

Microsoft Certified Technology Specialist - ASP.NET Application Development • Microsoft
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NCFM Professional in capital markets • National Stock Exchange of India Limited