

RAHUL KOKKARANIKKAL

"Empowering teams through software engineering expertise, full-stack development proficiency, and effective leadership."



RAHUL KOKKARANIKKAL

Software Engineer | Full Stack Specialist | Strategic Leader in Innovative .NET Solutions | Passionate about Impactful Technology
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ABOUT ME

As a Software Engineer, I am deeply passionate about leveraging my expertise in full stack development to create impactful solutions. With a strong foundation in .NET technologies, including C#, ASP.NET, and MVC frameworks, I have consistently delivered innovative and tailored applications that address complex business requirements. My proficiency in Object-Oriented Design principles allows me to create high-quality software solutions that drive meaningful change.

I have a proven track record of leadership, guiding teams through the entire software development lifecycle and spearheading full stack solution development for clients. My problem-solving abilities, combined with a solid understanding of software architecture and cloud migration, have enabled me to lead successful deployments and application architecture initiatives. I have also collaborated closely with cross-functional teams to ensure the delivery of cutting-edge products, showcasing my adaptability and versatility.

Noteworthy projects include the development of a full stack web application utilizing cutting-edge technologies for JPMC and the successful implementation of the iManage Legal Document and Email Management System in collaboration with the legal team. My expertise extends to cloud computing, DevOps, CI/CD, Docker, Kubernetes, and REST API & GraphQL, as I am committed to staying abreast of the latest advancements in the tech industry.

Driven by my fervent enthusiasm for the field, I am dedicated to continuous personal and professional growth. I am committed to contributing my strengths and expertise to complex, transformative projects, always striving to make a lasting impact in the software engineering space.

EXPERIENCE

Delphi Consulting Middle East

Sep. 2023 – Present

Growth Path: Freelance Consultant | Sep. 2023 – Present ← Senior Application Consultant | May 2022 – Sep. 2023

At Delphi Consulting Middle East as part of my role with King Abdullah Financial District, I am responsible for leading the development and implementation of the KAFD Fit-Out Portal. This involves providing tenants and KAFD tenancy managers with a specialized platform to streamline the Fit-Out process and facilitate collaboration between them. Additionally, I am accountable for accelerating document sharing, review, and approval processes to reduce turnaround time for pivotal decisions by 50%. Moreover, I oversee the reduction of expenses related to paper-based documentation, printing, and storage by approximately 30%. The technologies utilized for this project include NetCore 6, Angular 14, Azure, WebApi, SQL Server, Entity Framework, jQuery, HTML, and CSS.

Senior Software Engineer | JP Morgan Chase & Co.

Apr. 2018 – Jan. 2022

In my role with JP Morgan & Chase, I spearheaded the implementation of iManage, a tailored Document and Email Management System for the Legal department. This system plays a vital role in overseeing the work product of over 2000 legal attorneys, including the General Counsel. For this project, we utilized technologies such as WebApi, Angular, .NetCore, SQL Server, Entity Framework, JQuery, HTML, and CSS.

Furthermore, I orchestrated the seamless migration of applications owned by the document management team from on-premises servers to the cloud. This strategic move resulted in cost reduction and significantly improved the speed and performance of the applications.

Additionally, I collaborated with the legal department to conceptualize and develop a web application called the Legal Dashboard. This initiative aimed to enhance customer satisfaction and optimize document management processes. Technologies utilized for this project include Angular, .NET Core, Azure, C#, and MSSQL.

Senior Software Engineer | CGI

Dec. 2016 – Feb. 2018

At CGI in my role with the British Council, I led the development of Aptis Plus, a web-based tool tailored to handle examinations conducted by the organization. This platform emphasizes the integration of three essential elements—the test taker, the test system, and the scoring system—to provide a comprehensive assessment of a candidate's English language proficiency. By evaluating these components, Aptis ensures that the assessment aligns with the candidate's actual language abilities. Technologies utilized for this project include WebApi, Angular, .NetCore, SQL Server, Entity Framework, JQuery, HTML, and CSS.

Additionally, I oversaw the development of the Phlebo App, an Android-based application designed for phlebotomists associated with Patho India. Registered phlebotomists use this app to conveniently reach patients at their doorstep, collect blood samples, record vital signs, and facilitate payment transactions directly from the patients. Subsequently, the phlebotomists transport the collected blood samples to the laboratory for testing. Technologies employed for this project include Web API, ASP.NET MVC4, Spring.net, Nhibernate, DbUp, and MSSQL 2008.

Senior Software Engineer | Sakhatech Information Systems

Aug. 2014 – Dec. 2016

At Sakhatech Information Systems in my role with Money Gram International, I spearheaded the development of MGAlloy™, a customer-centric alternative financial services platform. This innovative platform enables businesses and financial institutions to provide sought-after Alternative Financial Services (AFS) to their customers. Technologies utilized for this project include Web API, ASP.NET MVC4, Spring.net, Nhibernate, Nunit, DbUp, and MSSQL 2008.

Software Engineer | Data Template Infotech

Jul. 2012 – Jun. 2014

At Data Template Infotech in my role with Xavier University School of Medicine, Aruba, I led the development of the SMS (Student Management System), an integrated solution for student administration and management. This three-tier web technology-based application optimizes data collection, storage, retrieval, and record management, enhancing tasks such as admission, registration, scheduling, examinations, and grading. Technologies utilized for this project include C#, ASP.NET 4.0, Visual Studio 2010, SQL Server 2008, JavaScript, CSS, and jQuery.

Additionally, with the London School of Hygiene and Tropical Medicine, I oversaw the implementation of YogaCareTrial, a study investigating the impact of a yoga-based cardiac rehabilitation program on cardiovascular health. This research, conducted as a clinical trial in India and a mechanistic study in the United Kingdom, utilizes technologies such as Asp.net, C#.net, ADO.net, MS SQL Server 2008, JavaScript, and jQuery.

EDUCATION

- Bachelor of Engineering (Electronics and Communication) | Cochin University of Science and Technology, India 2008
- Diploma in Electronics | Government Polytechnic College Tirurangadi, Malappuram, India YYYY

Certifications:

- Microsoft Certified Azure Developer – Associate

Awards:

- JPMC Champion Award (2021) Received client accolades and internal awards for exceptional performance.

PROJECTS HANDLED

Title: KAFD Fit-Out Portal | Client: King Abdullah Financial District

- **Description:** The KAFD Fit-Out Portal offers a specialized platform for tenants and KAFD tenancy managers to streamline the Fit-Out process. It enables collaboration between tenants and KAFD tenant management team.

- **Impact:** Accelerated the process of document sharing, review, and approval, resulting in 50% decrease in turnaround time for pivotal decisions. Slashed expenses linked to paper-based documentation, printing, and storage by ~30%.
- **Technology:** NetCore 6, Angular 14, Azure, WebApi, SQL Server, Entity Framework, jQuery, HTML, CSS

Title: iManage – Legal Document and Email Management System | Client: JP Morgan & Chase

- **Description:** JPMC has implemented iManage, a Document and Email Management System, tailored for the Legal department within the firm. The system is instrumental in overseeing the work product of 2000+ legal attorneys, including the General Counsel of the firm.
- **Technology:** WebApi, Angular, .NetCore, SQL Server, Entity Framework, JQuery, HTML, CSS

Title: Application Modernization-Cloud Migration | Client: JP Morgan & Chase

- **Description:** Orchestrated the seamless migration of applications owned by the document management team from on-premises servers to the cloud. This strategic move not only slashed costs but also significantly enhanced the speed and performance of the applications.

Title: Legal Dashboard | Client: JP Morgan & Chase

- **Description:** Teamed up with legal department to conceptualize and build a web application, elevating customer satisfaction and optimizing document management processes.
- **Technology:** Angular, .NET Core, Azure, C#, MSSQL

Title: Aptis Plus | Client: British Council

- **Description:** APTIS is a web-based tool designed to handle examinations conducted by the British Council. It emphasizes the synergy of three key elements—the test taker, the test system, and the scoring system—to derive a meaningful measure of a candidate's English language proficiency. By assessing these components, APTIS ensures evaluation aligns with a candidate's actual English language abilities.
- **Technology:** WebApi, Angular, .NetCore, SQL Server, Entity Framework, JQuery, HTML, CSS

Title: Phlebotomist App (Platho) | Client: Patho India

- **Description:** Phlebo App is an Android-based application for phlebotomists associated with patho.in. Registered phlebotomists utilize the app to reach patients at doorstep, collect blood samples, and record vital signs. The application facilitates payment transactions directly from the patients. Subsequently, phlebotomists transport the collected blood samples to the laboratory for tests.
- **Technology:** Web API, ASP.NET MVC4, Spring.net, Nhibernate, DbUp, MSSQL 2008

Title: MGIALloy | Client: Money Gram International

- **Description:** MGIALloy™ stands out as a customer-centric alternative financial services platform that empowers businesses and financial institutions to offer in-demand Alternative Financial Services (AFS) to their customers.
- **Technology:** Web API, ASP.NET MVC4, Spring.net, Nhibernate, Nunit, DbUp, MSSQL 2008

Title: SMS (Student Management System) | Client: Xavier University School of Medicine, Aruba

- **Description:** The SMS is an integrated solution for student administration and management, developed using three-tier web technology. The internet-based application is designed to optimize data collection, storage, retrieval, and record management. It enhances operational tasks such as admission, registration, scheduling, examinations, and grading, as well as management activities.
- **Technology:** C#, ASP.NET 4.0, Visual Studio 2010, SQL Server 2008, JavaScript, CSS, jQuery

Title: YogaCareTrial | Client: London School of Hygiene and Tropical Medicine

- **Description:** The study investigates the impact of a yoga-based cardiac rehabilitation program, known as Yoga-Care, on cardiovascular health. The research is conducted as a clinical trial in India and as a mechanistic study in the United Kingdom.
- **Technology:** Asp.net, C#.net, ADO.net and MS SQL Server 2008, JavaScript, jQuery

SKILLS

- Software Engineering
- Full Stack Development
- Cloud Migration
- SDLC
- Deployment Processes

- Software Configurations/Upgrades
- Cloud Computing
- Code Reviews
- Cross-Functional Collaboration
- Application Architecture
- Technology Integration
- Team Leadership & Management
- C#
- .NET
- .NET Core
- .NET 6
- ASP.NET MVC
- Web API
- Python
- Flask
- JavaScript
- TypeScript
- CosmosDB
- MSSQL
- Node
- Angular
- jQuery
- NoSQL
- Git
- Azure web Apps
- Azure Functions
- HTML5
- CSS
- Bootstrap
- Oracle
- UI/UX
- Azure
- AWS
- Cloud Computing
- Jenkins
- JIRA
- DevOps
- CI/CD
- GitHub Actions
- XUnit
- NUnit
- Unit Testing
- Lambda
- OOP
- Docker
- Kubernetes
- Kafka
- REST API & GraphQL
- Microservices
- Distributed Systems
- Deployment Setup (CI/CD)
- Database Systems
- OOD