**RAHUL KOKKARANIKKAL**

***~ 11+ Years of Experience | Full Stack Developer @ Delphi ~***

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**SOFTWARE ENGINEERING ❖ FULL STACK DEVELOPMENT ❖ TEAM LEADERSHIP**

***Accomplished software development professional*** *experienced in designing & implementing innovative solutions across the* ***full stack,*** *with a specialization in .NET technologies. Proficient in C#, ASP.NET, and MVC frameworks, delivering high-quality, scalable, and efficient code. Known for collaborating with cross-functional teams on complex projects, leveraging exceptional problem-solving skills. Champions the* ***Software******Development Lifecycle*** *from requirement analysis to maintenance of applications, ensuring coverage throughout development.*

*Prowess in leveraging* ***OOD principles*** *to craft maintainable software solutions, applying encapsulation, inheritance, and polymorphism. Proficient in producing code, stored procedures, and functions, resulting in well-documented and robust codebases. Talented in developing* ***engineering software tools****, leveraging methodologies such as Test-Driven Development (TDD) to build and test software solutions.*

*Agile in optimizing* ***database structures****, employing SQL Server and Entity Framework; documents software requirements, architectures, algorithms, interfaces, and designs for software systems. Skilled in employing* ***Agile methodologies*** *to streamline development processes, enhancing speed and productivity. Adroit in building streamlined* ***CI/CD pipelines*** *for deployments and* ***troubleshooting*** *build issues.*

**Key Clients:** JPMorgan Chase & Co | British Council | MoneyGram International

**Certifications:** Microsoft Certified Azure Developer – Associate

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

**CORE COMPETENCIES**

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| * 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 |

***Technical Skills:***  *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*

**PROFESSIONAL EXPERIENCE**

**Delphi Consulting Middle East**  **Sep. 2023 – Present**

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

**Senior Software Engineer |** **JP Morgan Chase & Co.** **Apr. 2018 – Jan. 2022**

**Senior Software Engineer | CGI**  **Dec. 2016 – Feb. 2018**

**Senior Software Engineer | Sakhatech Information Systems**  **Aug. 2014 – Dec. 2016**

**Software Engineer | Data Template Infotech**  **Jul. 2012 – Jun. 2014**

***Key Deliverables across Tenures:***

* **Solution Development:** Spearhead full-stack solution development, integrating front-end & back-end technologies to enhance system performance and user experience. Adopt cutting-edge technologies, ensuring continuous improvement and staying ahead of trends.
* **App Architecture:** Architect robust, scalable, and secure applications, exceeding client expectations and resolving complex technical challenges promptly. Oversee analysis of client business requirements, translating needs into comprehensive application solutions.
* **Software Configurations:** Tailor software applications to align with client specifications, orchestrating integrations and software upgrades. Perform software upgrades and migrations, ensuring minimal disruption to client operations and keeping applications up-to-date.
* **Codebase Efficiency:** Develop high-performance software solutions, optimizing code efficiency and conducting thorough code reviews. Implement best practices to optimize codebase, resulting in improved application performance and reduced maintenance overhead.
* **App Modernization**: Plan and execute migration of applications owned by the document management team from physical servers to the cloud, reducing costs and greatly increasing application speed.
* **SDLC**: Govern the entire software development lifecycle, ensuring high-quality software products and involvement in Agile development processes. Facilitate sprint planning and promoting a collaborative team environment.
* **System Optimization:** Innovate optimization strategies, enhancing system efficiency and reliability while enforcing coding standards and best practices. Implement security measures, conducting thorough code reviews and vulnerability assessments.
* **Deployment & Testing:** Oversee automated deployment processes, reducing errors and accelerating software updates. Optimize testing procedures through automated frameworks, facilitating early bug detection and improving system reliability.

***Key Achievements:***

* Achieved **90%** unit test coverage by implementing Test Driven Development (TDD) during the development of a full-stack web application in collaboration with the legal team, utilizing cutting-edge technologies such as Angular, .NET Core, Azure, C#, and MSSQL.
* Enabled efficient management of work products for **2,000+** legal attorneys, including the General Counsel, by implementing the iManage Legal Document and Email Management System at JPMC.

**PROJECTS HANDLED**

**Technologies Leveraged across Projects:**

NetCore 6, Angular 14, Azure, CSS, Entity Framework, HTML, JQuery, SQL Server, WebApi, ASP.NET 4.0, C#, CSS, DbUp, JavaScript, MSSQL 2008, NHibernate, Spring.net, Visual Studio 2010, Web API, ASP.NET MVC4

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| **Title & Client** | **Key Roles/Responsibilities** | **Result/Impact** |
| **KAFD Fit-Out Portal for King Abdullah Financial District** | * Implemented solution through KAFD fit-out portal to streamline coordination between tenants and KAFD tenancy managers during the FitOut process. * Developed functionalities allowing tenants & management to share, store, review, and approve tenancy documents, including designs, permits, and occupancy certificates. | * 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%**. |
| **iManage – Matter View for JPMC** | * Developed Matter View as client embedded in Outlook for iManage Document Management using Angular and NetCore. * Implemented functionalities allowing users to create, update, and delete workspaces within Matter view. * Enabled users to store various types of files including documents, spreadsheets, presentations, and other file formats within the workspace. | * Enhanced user experience by offering seamless access to Document Management * Empowered users to efficiently manage workspaces, facilitating better organization and accessibility of documents and files. * Streamlined workflow by providing a convenient platform within Outlook . |
| **iManage – Legal Document and Email Management System for JPMC** | * Implemented iManage - Document and Email Management System within JPMC's Legal department. * Managed integration and deployment of iManage to facilitate document and email management for 2000+ legal attorneys. * Provided support for General Counsel of firm, ensuring access and management of work products within the system. | * Centralized document and email management system improved efficiency of legal operations. * Enabled legal attorneys to organize, access, and collaborate on work products seamlessly. * Enhanced compliance & security for documents, ensuring confidentiality & regulatory adherence. |
| **Aptis Plus for British Council** | * Developed APTIS, a web-based tool for Council examinations. * Designed assessment features for English proficiency. * Integrated the test taker, test system, and scoring system. | * Streamlined British Council examinations and enhanced assessment accuracy. * Improved English proficiency evaluation. |
| **Phlebotomist App (Platho) for Patho India** | * Developed Phlebo App for phlebotomists of patho.in. * Facilitated blood sample collection at patients' locations. * Enabled recording of body vitals and processing payments. | * Improved healthcare accessibility & convenience. * Streamlined workflow for phlebotomists. * Ensured efficient blood sample testing. |
| **MGiAlloy for MoneyGram International** | * Established MGiAlloy™ as a customer-centric AFS platform. * Enabled businesses to offer in-demand financial services. * Integrated services from multiple providers for unified customer experiences. | * Enhanced accessibility to high-demand financial services. * Streamlined customer experience across channels. * Provided financial solutions for customer needs. |
| **SMS for Xavier University School of Medicine, Aruba** | * Developed Student Management System (SMS) using three-tier web technology. * Implemented comprehensive student administration and management features. * Streamlined data collection, storage, retrieval, and record management. | * Improved operational efficiency in admission, registration, scheduling, examination, and grading. * Enhanced lead management, planning, evaluation, and decision-making. * Centralized student administration and optimized data organization and accessibility for educational. |
| **YogaCareTrial for London School of Hygiene & Tropical Medicine** | * Oversaw study on the effects of a yoga-based cardiac rehabilitation program (Yoga-Care) on cardiovascular health. * Implemented the clinical trial in India and the mechanistic study in the United Kingdom. | * Explored the efficacy of Yoga-Care in improving cardiovascular health. * Provided insights into benefits of yoga-based interventions for cardiac rehabilitation. * Enhanced comprehension of the mechanisms underlying the effects of yoga on cardiovascular health in diverse populations. |
| **Application Modernization-Cloud Migration for JPMC** | * Led the migration of document management team applications to the cloud from on-premises servers. * Ensured seamless transition with minimal disruption and optimal performance. | * Reduced costs and improved application performance. * Enhanced efficiency and user experience. * Positioned the organization for scalability with cloud-based solutions. |
| **Legal Dashboard for JPMC** | * Collaborated with the legal department to conceptualize and develop a web application. * Contributed to the design and implementation of features aimed at enhancing customer satisfaction and optimizing document management processes. | * Improved customer satisfaction through the implementation of user-friendly features. * Streamlined document management processes, leading to increased efficiency and productivity. |

**ACADEMICS & CREDENTIALS**

**Bachelor of Engineering (Electronics and Communication) |** Cochin University of Science and Technology, India 2008

**Diploma in Electronics |** Government Polytechnic College Tirurangadi, Malappuram, India YYYY