RAHUL KOKKARANIKKAL

.NET Full Stack Developer -

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SUMMARY

Experienced .NET Full Stack Developer with 12+ years of expertise in developing and maintaining cloud-based applications, web services, and APIs. Proven track record in reducing operational costs, increasing system efficiency, and improving user engagement and revenue growth. Skilled in collaborating with cross-functional teams, implementing security protocols, and driving process optimization for successful project delivery.

SKILLS

Programming Language: C#, Python, JavaScript, TypeScript
Technical Skills: Distributed Systems, Database Systems, Deployment Setup (CI/CD), Microservice Architecture, Unit Testing, Object Oriented Design (OOD)
Frameworks and Libraries: .NET, .NET Core, .NET 6, .NET 8, ASP.NET MVC, Web API, Flask, Node.js, Angular, jQuery, Entity Framework Core (EF Core), Dapper
Tools and Technologies: Git, HTML5, CSS, Bootstrap, UI/UX, Jenkins, JIRA, DevOps, CI/CD, GitHub Actions, XUnit, NUnit, Lambda, Docker, Kubernetes, Kafka, REST API,
Cloud Computing: Azure, AWS, Azure Web Apps, Azure Logic Apps, Azure Functions, Key Vault, MS Graph, Azure Blob Storage
Databases: MSSQL, MySQL
Certifications: Microsoft Certified Azure Developer – Associate (**AZ-204**)

EXPERIENCE

Delphi Consulting Middle East   *Remote*
Senior Software Developer (Freelance),   *Sep 2023 – Present*

- **Occupational Health Screening Portal (OHS):** Developed a centralized web portal for Emirates Steel Clinic (ES Clinic) to capture comprehensive employee health screening data, including demographic information, risk assessments, and analytical reports. Additionally, established a robust CI/CD pipeline using Azure DevOps.
- Leveraged cloud-native architecture to ensure scalability, flexibility, and resilience, and applied modernization techniques to enhance system performance and user experience.
- Utilized Docker for containerizing application components, ensuring consistency and ease of deployment.
- Optimized system performance, achieving 99.9% uptime by implementing robust monitoring tools and best practices in code quality.
- Deployed and managed containers using Kubernetes for orchestration and efficient resource management.
- Implemented Entra ID SAML SSO for secure single sign-on authentication, enhancing security and user convenience.
- Collaborated cross-functionally with QA teams to integrate automated testing, reducing bug rates by 35%.

Delphi Consulting Middle East   *Remote*
Senior Software Developer,   *May 2022 – Sep. 2023*

- **KAFD Fit-Out Portal:** Led the design and development of the KAFD Fit-Out Portal, enhancing tenant-manager coordination by 40% through a centralized digital platform.
- Improved document sharing and storage efficiency by 35% utilizing Angular 15, .NET Core, and Azure Cloud technologies.
- Boosted user engagement by 30% with a seamless interface for managing critical documents such as approved designs, permits, and occupancy certificates.
- Reduced manual processing errors by 25% through the implementation of automated review and approval systems via Web API integrations.

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

- **Application Modernization-Cloud Migration**: Planned and executed migration of applications belonging to document management team from physical servers to cloud, reducing cost and greatly increased speed of applications.
- **Legal Dashboard:** Collaborated with the legal team to develop a full-stack web application, enhancing customer experience, and streamlining document management using cutting-edge technologies, including Angular, .NET Core, Azure, C#, and MSSQL. Implemented Test Driven Development (TDD) with 90%- unit test coverage.
- **iManage**: Implemented **iManage** Legal Document and Email Management System at JPMC for the firm's Legal department. The system efficiently handles the management of work products for over 2000 legal attorneys, including the General Counsel.

CGI INC *Bengaluru IN*
Senior Software Engineer *Dec. 2016 – Feb. 2018*

- **APTIS:** Spearheaded the development of APTIS, a comprehensive web-based tool for the British Council, improving examination management efficiency by 35%.
- Integrated three core elements (test taker, test system, and scoring system) to streamline the examination process, resulting in a 25% reduction in administrative workload.
- Utilized Angular JS, .NET Core, Web API, MSSQL, and Entity Framework to develop a robust and scalable portal, increasing system reliability and uptime to 99.9%.

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

- **MgiAlloy:** Collaborated in the development of MGiAlloy, a dynamic and customer-centric alternative financial services platform.
- Supported seamless integration of financial services, contributing to a 35% increase in user adoption within the first six months.
- Helped achieve a 40% reduction in service integration time, facilitating quicker go-to-market strategies for client financial services.
- Utilized Web API, ASP.NET MVC4, C#, Spring.net, NHibernate, NUnit, DbUp, and MSSQL in platform development.
- **Student Management System:** Contributed to the development of SMS, a comprehensive integrated student administration and management system using three-tier web technology.
- Implemented functionalities for admission, registration, scheduling, examination, and grading.
- Increased operational efficiency by 50%, resulting in a 20% reduction in processing times for student-related tasks.
- Enabled a 25% increase in lead conversion rates and improved decision-making speed by 35%.
- Implemented using C#, ASP.NET 4.0, SQL Server, and integrated JavaScript, CSS, and jQuery for enhanced functionality.

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

- **Ypin:** Contributed to the design and development of Ypin, a web application facilitating company and classified listings based on user-defined search keywords.
- Achieved a 50% reduction in data retrieval times, enhancing the overall performance and responsiveness of the platform.
- Increased search accuracy and relevance by 35%, leading to a 20% increase in user retention rates.
- Improved user satisfaction scores by 40%, supporting over 200,000 monthly active users.

EDUCATION

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