Koppula Ravi

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Koppula Ravi is an experienced result-driven senior developer with a proven track record of delivering highest quality projects. Expertise with extensive worldwide experience brings dedication, operational excellence with high-level problem-solving skills. Developed many projects from inception to fruition within a wide range of industries and clientele. Ravi is an experienced leader, both at project leading and team level and has a proven track record in streamlining and strengthening processes and exceeding business targets.

TECHNICAL SKILLS

LANGUAGE & FRAMEWORKS:	**C#	.NET Core	ASP.NET	MVC	Node.js	LINQ**
APIs & MICROSERVICES:	**REST API	IIS	Telerik	Hangfire	Web Services	Web API**
DATABASES:	**SQL Server	PostgreSQL	MongoDB	NoSQL**
CLOUD & DEVOPS:	**Azure	AWS	Docker	Jenkins	Kubernetes	CI/CD	Azure DevOps**
VERSION CONTROLS:	**GitHub	Bitbucket	TFS	GitLab**
UI & FRONTEND:	**HTML5	CSS3	Bootstrap	jQuery	Angular	React JS	Razor	TypeScript**
TESTING & SECURITY:	**XUnit Test	OAuth	JWT	OWASP Security principles**
REPORTING& DATA PROCESSING:	**SSIS Packages	SSRS	RDLC	Power BI	Tableau**

WORK EXPERIENCES

RHB Bank • Malaysia • Banking Sector • Senior Software Engineer   09/2022 – 09/2024

- Designed and implemented a customer support system for branch-level operations using Angular 13, SQL, REST API in .NET Core 5 & .NET 7.
- Integrated Amazon S3 for secure document storage and DynamoDB for high-performance data access.
- Developed an automated reporting solution using Crystal Reports with AWS Lambda for scheduled execution and notifications.
- Strengthened security algorithms across core applications, utilizing AWS Key Management Service (KMS) for encryption and IAM roles for secure access.
- Integrated student loans/payments with the .Net APIs and AWS Event Bridge for real-time event processing.
- Led a team in upgrading modules from FoxPro to .NET, leveraging AWS analytics for migration insights.

BMW Group • Malaysia • Finance • Senior Software Engineer   07/2021 - 07/2022

- Designed and implemented a bulk messaging system via WhatsApp, email, and SMS using Angular 13, SQL, and .NET Core 5, integrating AWS SNS for SMS/email notifications and AWS Lambda for serverless processing.
- Automated payment reconciliation across multiple banks using SSIS and developed SSRS- based reporting with AWS Lambda and SQS for scheduling and notifications.
- Optimized background job processing with Hangfire and enhanced system monitoring using AWS CloudWatch.
- Led Agile sprints as a Scrum Master, ensuring seamless business user testing and feature delivery

AXA (Insurance) • Malaysia • Finance • Senior Software Engineer   08/2020 – 08/2021

- Automated STP for insurance claims and medical records using React, REST API, and MSSQ.
- Built RPA for backend processing with Python and Angular, boosting speed and accuracy.
- Developed an AI chatbot for insurance recommendations and automated card delivery.
- Automated data distribution with EWS in C# and scheduled tasks using Hangfire in .NET.
- Managed CI/CD with Docker, Kubernetes, TFS, and Azure for tracking and deployment.

N2N Global • Malaysia • Finance & Trading • Senior Software Engineer   12/2019 - 07/2020

- Built an AI-driven chat analysis and trading platform for real-time stock advice, leading API integration and UI development with C# and Angular.
- Retrieved and optimized licensed financial data from Morningstar via SFTP, creating interactive stock visualizations with Angular, C#, and 3D charts.
- Designed secure, high-performance financial databases, reports, and algorithms for various platforms, automating deployment with Docker and Kubernetes.
- Enhanced platform performance through code reviews and feature development, and created a .NET Core console app for dynamic, user-editable PDFs.

SKYNET Worldwide Express • Malaysia • Logistics • Software Engineer   11/2016 - 11/2019

- Invented a shipment swapping technique to efficiently sort shipments by postal codes, optimizing logistics operations.
- Implemented a blockchain algorithm with Azure services for secure data storage and mapping, eliminating duplicate airway bills and billing errors while accelerating processing.
- Developed a standalone logistics system and a nationwide clearing house system using C#, Windows Forms, Angular, SQL Server, and Azure, replacing manual processes and preventing calculation errors across 120 branches.
- Built a real-time shipment tracking system using Bootstrap, Angular, React, AJAX, and APIs, enhancing user engagement and boosting revenue.

IMTAC India Ptd Ltd • Muscat, Oman • Information Technology • Software Engineer   06/2015 - 10/2016

- Created a comprehensive voting system for the Oman Government, significantly improving user experience and data accuracy by implementing advanced integration techniques and real- time updates.
- Created a user-friendly flyer management system that improved collaboration among teams, leading to faster project completion and increased client satisfaction.
- Enhanced payroll and employee management systems by integrating attendance tracking and HR functionalities using C# and .NET, improving operational efficiency within 3 months.

EDUCATION
Bachelor's degree in Information Technology (BTech)   10/2010 - 07/2014
Jawaharlal Nehru Technological University

CERTIFICATIONS
- Microsoft Certified Solutions Developer (MCSD)
- Microsoft SQL Server Query Data
- Microsoft Technology Associate (MTA)
- Microsoft Certified Professional (MCP)
- Data Mining Tools and the Usages Certificate of Participant (IEEE)
- National Level Technical Symposium Advaitha-2K 13

REFERENCES
- Ryon (Reporting Manager) – AXA Insurance Corporation - +60 10-401 8856
- Ms. Toh (Reporting Manager) – RHB Bank Berhad - +60 12-640 0292