MR. SUBRAMANI CHINNASAMY	+44 7776349687 subbuam@yahoo.com

Personal Profile

- **Senior C#/NET Developer** with more than **18+ years of working experience** in various disciplines like Design, Development, Deployment and extensive experience in cross-platform applications on **.NET Platform.**
- Specialized in Web Development using **.NET Framework 9/8/7/6/5/4.5/4.0/3.5/3.0/2.0, Angular, Typescript, React, JavaScript, VS Code, Visual Studio, ASP.NET, C#, VB.NET WCF, jQuery, JSON, MVC4, HTML5, CSS3.**
- Extensive RDBMS experience **on LINQ, ADO.NET, Oracle PL/SQL, SQL Server, Blazor, Razor, Web Services, Window Services, Visual Basic 6.0 and Classic ASP3.0.**
- Strong understanding and working experience in **Agile** environments using either **Scrum/Kanban** process.
- Strong payments domain experience integrating with Visa, Mastercard. FinTech experience working on OLTP (ATM and POS transactions processing system) Issuing and Acquiring platform and clearing and settlement (Acquirer) experience on **payments platform**.
- **Strong HealthCare domain experience integrating with UK NHS applications using EL7 FHIR message format records.**
- Reliable, conscientious, and **hardworking** with **good communication skills** and the ability to deal with people at different levels.
- **Flexible** and **adaptable** to **new technologies** with a positive approach to all aspects of work
- Able to **work independently** by taking **initiative** and being a team player to achieve tight project deadlines.
- Well-organized, customer focused and take pride in my work.
- I like new challenges but also have the perseverance to see things through.

Technical skills

Languages

- Proficient in **C#.NET, XML, HTML, CSS, JavaScript, Java, Perl, JSON**.

Software & Technologies

- Web Technologies: **Angular, Typescript, ASP.NET, MVC 5/4.0/3.5, .NET2 9/8/7/6/5/Core, ADO.NET, WCF, MSMQ, WPF, Webservices, AWS SQS, SNS, AWS Event Bridge, WPF, XML, SOAP, HTML5, CSS3, LINQ, Entity Framework, N Unit and X Unit.**
- Web & App Server: Kestrel, IIS 6.0/7.0/8.0
- Cloud Infrastructure: **AWS EC2, Lambda, ECR, ECS, EKS, AWS API Gateway, SNS, SQS, Event Bridge, Docker, Kubernetes, AWS Dynamo DB, RDS (MSSQL Server), CloudFormation and Terraform.**
- Database: SQL Server2015/2014/2012/2008/2005/2000, Oracle 12c/11g**.**
- Scripting: Python, Shell Scripting.
- Platforms: Windows, Linux.

Experience

Senior C#/.NET Developer	Nov-2024- till date

LATA Technologies Ltd. Croydon, UK.	
Project: Cash Forecasting Greenfield project to build ATM Cash Demand Loading predictions application using AI/Machine Learning algorithms . **Key Responsibilities**: • Responsible for designing and developing several components in the ATM Cash Forecasting system which receives online payment transactions from the ATM across various regions and orchestrates their processing across all backend services. • Put in place coding standards and testing conventions with a focus on readability and maintainability. • Designed and developed initial CI workflow using GitHub Actions. • Came up with low level designs for Stories and Epics like state diagrams, sequence diagrams, and component model using tools like StarUML. • Implemented Angular Routing and Navigation, Components, Services. • Implemented the Entity Framework for efficient data access, including the data loading from data source environment, • Writing Unit Test and Integration testing for .Net components • Implemented automated CI/CD Jenkins pipelines for continuous integration and rapid deployment. • Involved in Debugging and Supporting the application and Performed Unit Testing using N Unit, X Unit, and Test tools like POSTMAN, Jasmine and Jest for front-end testing. • Implemented AWS SQS and AWS Event Bridge for event handling. • MSSQL Server service is used in AWS cloud environments. • Deploying applications in AWS cloud environments.	
Senior C#/.NET Developer	Sept 2023 – August 2024
Client: New Day Technologies	

Project: Case Management and Fraud Detection System.
Greenfield project to build the payment platform for New Day and integrate with Mastercard and Visa payment systems.

Key Responsibilities:
- Implemented messaging protocols with **AWS SNS, AWS SQS, and AWS Event Bridge** for asynchronous communication in applications.
- Designed and optimized SQL Server database schemas for efficient data storage and retrieval.
- Managed version control with GitHub and TFS for source code maintenance and collaboration.
- Implemented business logic in Web API to interact with databases, leveraging Entity Framework, LINQ for comprehensive data access and presentation.
- Implemented the Entity Framework for efficient data access, including the creation of data models, migrations, and database-first and code-first approaches.
- Implemented Angular Routing and Navigation, Components, Services.
- Experience in designing and developing Microservices for business components using .NET 8.
- Designed and implemented reports with SQL Server Reporting Services (SSRS) to organize and retrieve sensitive data in a specific format.
- Configured Multi-Factor Authentication (MFA) and AWS services to enhance security and manage cloud resources effectively.
- Experience with Identity and access management using OAuth 2.0 and Open Connect and security best practices.
- Experience in advanced JavaScript/UI frameworks like Angular, Bootstrap/UI, JSON, and J Query.
- Experience in data accessing using Data Adapter, Data Reader & Data Set, Entity Framework in ADO.NET and Language Integrated Query (LINQ), LINQ to SQL & LINQ to XML.
- Writing Unit Test and Integration testing for .Net components
- Implemented automated CI/CD pipelines using Jenkins, AWS Code Pipeline, and GitLab for continuous integration and rapid deployment.
- Involved in Debugging and Supporting the application and Performed Unit Testing using N Unit, X Unit, and Test tools like POSTMAN, Jasmine, and Karma for front-end testing.

Lead .NET Developer	April 2021– Jun2022
Fidelity Information Services Pvt Ltd.	*Permanent role*

Project: Online ATM Payment processing.

Greenfield project to build the payment platform for ATM online transaction processing and ATM Cash Forecasting for Cash Loading predictions.

Key Responsibilities:
- Involved in creating RESTful Web APIs for Lookup Services using (Model-View-Controller) MVC Architecture.
- Utilized SSIS and SSRS for designing and implementing data integration and reporting solutions, enhancing data management and reporting capabilities.
- Developed loosely coupled application using C#, MVVM pattern, LINQ, dependency Injection container Unity Container
- Developed and maintained automated test scripts in C# using Selenium WebDriver for web application testing and managed test suites using TestNG to ensure comprehensive test coverage. for structuring and organizing automated test cases.
- Used servlets as front controllers, jQuery, ASP, HTML5, and CSS on the front end, and JavaScript, and jQuery for client-side validation.
- Experience in using JavaScript frameworks jQuery, Angular 14, Bootstrap.

• Designed web pages for Context Work Queue Item Work Queue using ASP.NET controls, User controls, AJAX, CSS and HTML. • Used JavaScript and Angular 14 to update a portion of a web page thus reducing bandwidth usage and load time and adding modal dialog in web pages to get user input and requests. • Hands-on experience in software design and development using .NET Frameworks, including ASP.NET, WEB API, Microservices, C#, ADO.NET, SQL Server, Entity Framework, Blazor, Razor, Web Services, MVVM, WPF, WCF, XAML, Ajax, LINQ, and IIS.	

Software Engineer Specialist	May2016 – Jun2022
Fidelity Information Services Pvt Ltd.	*Permanent role*

Project: FIS-MPS (Merchant Processing System platform)

This product has been developed as acquiring product for merchant onboarding, merchant registration with card scheme (e.g. Visa, Mastercard, Amex), POS payment processing, Clearing and Settlement for US customers.

Standard Agile practices and processes (Scrum) are followed in the team. The team is formed of 4 Backend, 2 Full stack, 1 BA, 1 Automation QA, 1 Test Analyst, 1 Technical Architect, 1 Delivery Manager ,1 Scrum Master and 1 Product Owner.

Key Responsibilities:
- Define technical design on stories like Container interaction diagram, class diagram or database model depending on the need.
- Responsible for ensuring the team is aligned technically with the programme.
- Responsible for ensuring code quality at team level is in line with programme standard.
- Responsible for ensuring the dev team is fully committed and has the right qualities to achieve the team goals.
- Working with the team to ensure we deliver as committed at the beginning of the sprint.
- Making sure that higher environments like Dev/SIT/Pre-Prod/Prod have the necessary configuration required for the release.

Technical Lead	March2010 – May2016
Fidelity information services, Pvt, Ltd.	*Permanent role*

Project: **IST-Switch** (ATM & POS-Transaction processing engine).

This product has been developed as an issuing product for ATM, POS and internet banking transactions processing and interacting with various services for transaction authorization, messaging card schemes, PAN Tokenization process, Security Key exchange etc.

- Designed and developed the Data Access layer, Business layer, and Presentation Layer (user interface) for the n-tier architecture web application using C#, ADO. NET and ASP. NET Core.
- Implemented robust security measures in MongoDB, including access control, encryption, and compliance with healthcare data privacy regulations like HIPAA (Health Insurance Portability and Accountability Act).
- Worked on database design: created tables, indexes, views, stored procedures, and maintained referential integrity in SQL Server.
- Utilized Visual Studio Code for development, configuring extensions for .NET, Python, MongoDB, and SQL.

- Developed Web Forms using ASP .NET and used JavaScript to perform validations on Web Forms Used JavaScript, HTML, CSS, and Bootstrap to design views of the website.
- Implemented client-side Interface using React JS. Build stable React components and stand-alone functions to be added to any future pages, Used React-Router to turn the application into Single Page Application.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed one or more AWS EC2 instances
- Involved in creating Web Services on the main server and consumed Web Services in the Web application.
- Designed and maintained high-performance C# applications, ensuring responsiveness and reliability. Used the Node Package Manager (NPM) to install libraries like angular-cli, typescript etc., which are required for developing an angular application in Node.
- Created various stored procedures for data retrieval from the database and generating different types of reports using SQL reporting services (SSRS).

Senior Consultant	July 2007 – Sept 2008
	Permanent role
Mastek, UK. **Client:** *CSW Ltd, Oxford*	

Project: **Case Notes (HealthCare Domain – NHS UK)**

Standard Agile practices and processes (Scrum/Kanban) are followed in the team with Pair programming during development.

As Senior Developer, I have been part of DDD sessions to understand the core domain, which are critical in designing the several Case Notes Components. **E7-FHIR** is a standard for exchanging healthcare information electronically, to enable ELECTRONIC HEALTH RECORD data to be structured, standardized and understandable when machine processed Also, I have been a key player in coming up with a better design for many of the stories and helped to cover edge cases.

Previous Experience	
Technical Lead	May 2005 – June 2007
IGATE Global Solutions, India. **Domain**: *Media*	*Permanent Role*

Education	
Bachelor's Degree **Madras University**	Jun 1993 – Aug 1997

India

- Specialization: Mechanical Engineering
- Percentage: 65%, First Class.