

**CANDIDATE**

Australian Citizen, Software Solutions Architect, Microsoft Specialist & Full Stack Architect Developer. 25+ years of hands-on experience in full-stack development and cloud architecture. Expert in C#, React, and Azure Functions, with proven success delivering enterprise-scale solutions in finance, healthcare, security, and retail domains. Strong background in modernizing legacy applications, leading cross-functional teams, and driving CI/CD automation.

TECHNOLOGY PROFILE

- C# / .NET (Framework & Core): 21+ yrs
- Web APIs, & Microservices: 23+ yrs
- Databases: SQL Server / RDBMS / PostgreSQL, MySQL, MongoDB, Elastic-Search: 23+ yrs
- JavaScript / HTML / CSS / PowerShell / Automation / Scripting: 20+ yrs
- ReactJS: 1+ yr & Angular (up to v18) / Node.js: 8 yrs
- Azure / AWS (Cloud & CI/CD): 9+ yrs
- Other Tools: Docker, Redis, IIS, Chef/Ruby, Jira, Datadog, New Relic
- Legacy Exposure: Visual Basic 6, ASP 3.0, Classic ASP, VBScript, Sitecore, Kentico, Siebel EAI

EXPERIENCE & PROJECTS

- Woolworths - Senior Software Engineer (Dec 2025 - Present, Sydney, Australia)**
 - Part of their HomeRun Platform team.
 - Support the DPS team activities - development and reviews.
- Harris Farm Markers - Senior Software Developer (Sep 2024 - Dec 2025, Sydney, Australia)**
 - Delivered in-house retail solutions using C#, .NET Core, ReactJS + NextJS, and Tailwind.
 - Implemented CI/CD pipelines in Azure, cutting deployment time and improving release reliability.
 - Introduced internal NuGet packages to streamline integration with D365, BuyersApp, & other internal apps.
- PACOM - Senior Software Developer (May 2023 - July 2024, Sydney, Australia)**
 - Built scalable modules using Angular, C#, .NET Core, Redis, ElasticSearch, & Docker.
 - Experienced integration between PACOM S1000 security hardware & PACOM security system.
- Travel Break - Career Break (Oct 2022 - April 2023, International)**
 - Traveled internationally; resumed work immediately after.
- HCF - Senior Analyst Programmer (Mar 2022 - Sep 2022, Sydney, Australia)**
 - Senior Architect Develop for their mobile application backend team in .NET Core, & SQL Server.
- SGFleet - Lead Developer (Nov 2018 - Dec 2021, Sydney, Australia)**
 - Led development of the Novated Leasing product using .NET Core, SQL Server, and Angular on Azure.
 - Implemented secure authentication with MSAL and Azure Active Directory.
 - Designed & delivered security module, feature toggle system, & quoting module to support product scalability.
 - Optimized CI/CD processes using Jenkins and Octopus, improving deployment reliability.
- Medical Director - Senior Software Engineer (May 2018 - Oct 2018, Sydney, Australia)**
 - Automated critical components of the migration process from MedicalDirector Clinical to Helix.
 - Developed serverless solutions using Azure Functions with C#, PowerShell, & SSIS to streamline migration.
- 1-Stop Connections – Developer (Nov 2017 - May 2018, Sydney, Australia)**
 - Contributed to R&D team developing a new retail vertical product using .NET Core (Web API), & Angular.
 - Supported Agile delivery using AWS, Bamboo, SVN, and Jira.

EARLIER ROLES - India (2002 – 2017)

Held progressively senior technical and leadership roles across healthcare, banking, CRM, infrastructure, and enterprise software domains with companies including AthenaHealth, SolarWinds, Royal Bank of Scotland, Kaseya, Société Générale, Interwoven, Talisma, iORMYX, and Yashaa InfoTech.

HIGHLIGHTS:

- Architected “Feature Guard” microservice at AthenaHealth using AngularJS, Redis, Docker, and AWS.
- Enabled CI/CD automation at SolarWinds with AWS, Chef, Ruby, TeamCity, and PowerShell.
- Trained SolarWinds engineers in SQL Server, PowerShell, and automation best practices.
- Optimized enterprise applications at RBS as part of the Application Optimization Architects Team.
- Built licensing, monitoring, and automation tools for Kaseya’s IT management platform.
- Designed keyboard tracker, screen watcher, and printer monitor tools for Kaseya agent modules.
- Developed WMI-based clustering and registry modules for Société Générale’s Virtual System Administrator.
- Delivered high-volume email dispatch (1M/hour) and Outlook integration at Talisma and Interwoven.
- Released service packs and hotfixes for MediaBin digital asset management platform at Interwoven.
- Created CRM and Exchange integration for British Telecom’s Contact Central at iORMYX.
- Worked with global clients (BT, FedEx, AMEX, Nokia) to deliver CRM and middleware solutions.
- Designed and implemented a hospital personnel management and payroll system at Vikram Hospital.
- Applied TDD and DDD practices across multiple enterprise product builds.
- Delivered large-scale API ecosystems with 100s of REST endpoints and microservices.
- Designed reusable libraries and templates to enforce SOLID principles and accelerate delivery.
- Built serverless workflows with Azure Durable Functions for long-running orchestrations.
- Implemented real-time features (live dashboards, notifications, messaging) using SignalR and WebSockets.

TECHNOLOGY PRACTICES & PRINCIPLES:

- **Architecture & Design:** Domain-Driven Design (DDD), Test-Driven Development (TDD), SOLID principles, clean architecture, design patterns.
- **APIs & Services:** Built hundreds of REST APIs and microservices; architected API-first systems.
- **Serverless & Cloud-Native:** Designed solutions with Azure Functions (HTTP, timer, Service Bus, and Durable Functions) and AWS.
- **Real-Time Systems:** Extensive use of SignalR for WebSocket-based real-time messaging, notifications, and live data streaming.
- **CI/CD & Automation:** Azure DevOps, Jenkins, Octopus, TeamCity, Bamboo pipelines with IaC automation.
- **Performance & Scalability:** Optimized enterprise systems with caching (Redis), async messaging (Service Bus), and event-driven architectures.

LINKS

- GitHub: <https://github.com/balajimk>
- Packages published:
 - NPM: <https://www.npmjs.com/package/csv-export-import>
 - VS Tool: <https://marketplace.visualstudio.com/items?itemName=BalajiMKala.TranslateToPseudoEnglish>