



Andikat Jacob Dennis

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PROFESSIONAL EXPERIENCE

Dynamic Selling Technologies (India) Pvt. Ltd (Searchspring), Bengaluru, Karnataka

- Key Roles & Responsibilities**

Lead Software Engineer	<p>Oct 2024 to Jun 2025</p> <p>Delivered multiple defect-free features under tight timelines, significantly improving system performance and customer satisfaction. I led the design and development of the Intelligent Reach feed management platform, building high-performance, scalable solutions using C#, ASP.NET Core, SQL, SOA and Angular. The platform uses distributed systems with Docker and Azure Service Fabric, prioritizing fault tolerance, throughput, and scalability.</p> <p>Collaborating directly with the Architect and Director, I helped define the technical direction, estimate and plan feature deliveries, and ensure alignment with business goals. I collaborated closely with cross-functional team’s product, QA, and operations to maintain effective communication and smooth execution.</p> <p>To ensure code quality and consistency, I introduced ESLint across the front-end codebase and developed a custom Visual Studio plugin to surface linting issues directly in the error window. I also automated development and deployment tasks using PowerShell, improving developer productivity and release stability.</p> <p>On the testing front, I implemented Postman collections for API testing, Angular unit tests for UI behavior validation, and MSTest for backend automation improving coverage and defect prevention. For real-time communications and integrations, I worked extensively with WebSockets, SignalR, and Webhooks to build responsive, event-driven interfaces and workflows.</p> <p>For logging and diagnostics, I integrated Serilog to enable structured, quarriable logging across the system, enhancing traceability and supportability in production.</p> <p>In terms of documentation, I created and maintained technical documentation using MkDocs Material, and kept our Azure Wiki regularly updated with system configurations, design decisions, and onboarding guides. I also managed SQL and Data Warehouse integrations to support complex, large-scale data processing needs. To streamline onboarding and local setup, I leveraged Chocolatey to automate environment provisioning. Throughout, I remained firsthand with code reviews, mentoring, and enforcing modern development practices using Git, CI/CD pipelines, and clean architecture principles.</p>
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Servion Global Solutions, Bengaluru, Karnataka

- **Key Roles & Responsibilities**

Technical Lead at Level EM2	<p>Dec 2022 to Oct 2024</p> <p>I played a key role in developing and maintaining Hammer CallMaster, a high-performance, multi-tier enterprise system developed by Empirix for automating call center and IVR testing. The platform processed thousands of calls per minute, leveraging auto-generated test scripts from call flow diagrams to accelerate and simplify testing of voice-driven applications. My responsibilities spanned the full development lifecycle from designing and testing new features to improving UI components and resolving escalated bugs to ensure system stability and reliability. I worked extensively with technologies such as VC++, C#, ASP.NET Core Web API, Entity Framework, SQL, SignalR, VBScript, Node.js, WPF, and WinForms, building scalable, extensible, and secure APIs and interfaces. I also utilized tools like Wireshark, WinDbg, and applied TCP/IP, SIP protocol, gRPC and Graph Theory Algorithms to analyze and optimize performance.</p>
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Harman Connected Services, Bengaluru, Karnataka

- **Key Roles & Responsibilities**

Technical Lead - Product Development	<p>Jun 2020 to Aug 2022</p> <p>Design and develop dot net applications called Device Registration. Reporting to the function head, work with project managers, UI designers, developers, QA professionals and client teams deliver the absolute best in class. . Created applications with technology like XML, JSON, C#, WCF, WPF, MVVM, ASP MVC5, ASP .Net Core, OWIN, Web API, MOQ, MS TEST</p> <p>I also made documents like design with various UML diagrams like class, DFD, Sequence, Use case diagrams.</p>
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Panacea Medical Technologies Pvt. Ltd, Bengaluru, Karnataka

- **Key Roles & Responsibilities**

Technical Lead	<p>Apr 2015 to May 2020</p> <p>Developed Bhabhatron-II with a team of eight members. A distributed C# app developed for desktop and web to streamline cancer treatment delivery and data entry. Also developed manual unit test cases for code testing.</p> <p>Created applications with technology like WPF, MVVM, PRISM, C#, VC++, Threading, LINQ, WCF, WinForms, Design Patterns, Solid Principles, Entity Framework, SQL UML, Moq, ASP MVC5, ASP Web API, Socket Programming, XML, JSON, CSV</p>
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Tech27 Systems Pvt. Ltd, Kozhikode, Kerala, Software Engineer

- **Key Roles & Responsibilities**

Software Engineer,	Jan 2013 to Dec 2014 Developed Deck Management System in a team of three members. DMS is a C# desktop application used to optimize Deck space on oil rig platforms. Also developed manual unit test cases for code testing. Worked on CAD like application for managing deck space. Selected as 2013's top employee during the project's development.
	Created an updated version of the existing software called ReadMax. ReadMax was an ASP.Net application for tracking assets both globally and locally. Done a thorough revision of the software application, risk analysis, IEC standard SRS, Design Document, and Project Plan and developed the application. Also made PPT about the product and future scope for the Business development team. Collaborated with the engineering team to identify opportunities for cooperation with the software team and to gain a comprehensive understanding of the application's development workflow. Also implemented 3D features in the software which was an innovation. ReadMax software supported ISO 9001:2008 audits, all completed successfully.
	Provided an in-depth Knowledge Transfer to the Technical manager about the innovative technologies and functionalities used in the development of the project mentioned above.

Star Union Dai-ichi, Vashi, Navi Mumbai, Software Intern

- **Key Roles & Responsibilities**

Software Intern	Mar 2012 to May 2012 Machine Learning application development using T-SQL, software product documentation, and implementing and testing software on-site at customer locations.
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TECHNICAL SKILLS

C#, Object-Oriented Programming, Socket Programming, TCP, SIP Protocol, gRPC, Multithreading, LINQ, Visual Studio plugin development, WinForms, VB Script, Python, VC++, MFC, STL, WinDbg, Wireshark, WPF, MVVM, Prism, HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, Node.js, SignalR, Webhook, RabbitMQ, TypeScript, Angular, Angular Unit Testing, Serilog, ESLint, React, ASP.NET MVC 5, ASP.NET Core, OWIN, REST Web Services, Web API, Swagger, YAML, Postman, WCF, Visual Studio Plugin Development, Batch Scripting, PowerShell, Service Fabric, Docker, MSTest, Moq, SQL, SQL Server, SSIS, SSAS, SSRS, Data Warehouse, ADO.NET, Entity Framework, CSV, JSON, XML, UML, SOLID Principles, Design Patterns, Software Architecture, Data Structures, Graph Theory Algorithms, Software Documentation, Azure Wiki, MkDocs Material, Software Development Life Cycle, Agile Development, Chocolatey, Scrum, Git, SOA, Azure Continuous Integration and Continuous Delivery (CI/CD).

ACADEMIC QUALIFICATIONS

Master of Computer Applications (76.79%), Bachelor of Computer Applications (72.14%)