Andrew James Argent

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Summary

Over 25 years' experience developing software solutions for businesses across a range of industries. This experience extends from initial consultation with key stakeholders right through to deployment of software solutions.

My ability to discuss business requirements at both technical and non-technical levels ensures a software solution that meets the needs of key stakeholders. As a problem solver, my skills are required to devise and develop solutions to enhance business outcomes and processes.

In my career developing software solutions I have performed the following roles: Software Architect, Solution Architect, Senior Software Developer, Software Developer, Systems Tester, Application Developer

Key Skills

- **Effective Communication and Interpersonal skills** with the ability to discuss business requirements with key stakeholders, at all levels, and establish the 'real' needs of a client.
- **Excellent Time Management and Organisational skills** enabling prioritising of jobs, tasks and multiple clients requests to meet outcomes required by the client
- **Solution Focussed** keeping the end goal in mind, whilst being flexible to allow for changes to specifications and requirements based on clients requests.
- **Professional, Self-Motivated, Reliable, Respectful** with the ability to work autonomously or in a team environment
- **Administrative Management** ability to document client requests, correspondence, accounts (bookkeeping)

Industry Skills

- Over 25 Years commercial experience developing database solutions
- Extensive VBA coding experience
- Experience with vb.net
- Development of Database Projects from initial client consultation and design phase to final implementation and installation of the finished product. (full development life cycle)

- Ability communicate and discuss client requirements to deliver an application that suits the brief given. This can be from a simple data entry database to a complex, project management system with reporting and charting analysis.
- Ability to develop with SQL Server/SQL Express, Tables, views, stored procedures
- Experienced user with the following Microsoft products – Access, Word, Excel, Outlook, Project, Visio, Publisher, PowerPoint, OneNote
- Ability to interface with Excel through VBA coding and manipulate data, this includes both importing data from excel worksheets and exporting data to excel worksheets
- Ability to create flowchart and data flow diagrams using Microsoft Visio
- Ability to use Microsoft project to map out project timelines and project management
- Ability to perform data analysis on data sets, to achieve outcomes for stakeholders.
- Registered Microsoft Partner with access to full office professional software, visual studio .net, windows servers and operating systems
- Registered MYOB Developer, enables connection to MYOB data files through API connection. Ability to export data from an access database to a MYOB company file for banking, sales, purchases, customer and supplier payments, card file information and timesheet. Ability to export data to MYOB online through API
- Integration with 3rd party development tools such as graphing tools and communication tools for internet and email
- Experienced project planner for software development
- Ability to identify issues within a database system and provide advice on solutions.
- Ability to perform testing analysis on database systems, not just for functionality but for user-friendliness of the system
- Accounting Knowledge – General Ledger, Debtors and Creditors, Financial reports (P&L, Balance Sheet)

Projects

o Project Management database developed for a Brisbane client. This database is a large database containing hundreds of tables and forms and many thousands of lines of code. Some of the features of the system are:
  - Contact management – recording of company (customers and suppliers) and contact information that can be used for sales, purchasing, projects and marketing.
  - Project management – recording of project and stages for jobs, some projects can have multiple stages and quotes. Ability to report and chart project information including Sales In Progress, Work In Progress and Completed.
  - Quoting Management – recording of job requirements, stock, labour, travel, delivery and other information for the requirements of the job being quoted on. This includes financial information. Quotes are connected to projects and stages allowing for analysis of job costing and profit margins
  - Stock Management – recording of stock information including automatic price levels, retail and cost price information, stock types, sales and purchase information, stock movement

- Sales and Purchases. Recording of sales (invoicing) and purchase information. Ability to record payments against invoices and purchases
- Accounting Module – ability to export Contact, sales, purchases, payment information to MYOB.
- Development of reports and charts for the system at request of directors of the business, which is used to make business decisions for staffing and labour requirements for upcoming and existing jobs, forecast analysis of projects which shows growth (hopefully) of the business.

o Sales and Manufacturing System (Pheenix Schedule) developed for Pheenix Systems which is used by a number of businesses in Brisbane and a business in Vietnam. Features include:
- Contact Management
- Sales Order entry and Invoicing
- Warehouse management including stock control, multi locations and FIFO costing
- Stock order replenishing features
- MYOB Integration, Quick Books Integration
- Work centre capacity planning
- Charting and reports
- Custom module programs to allow for individual reporting and business functions
- Asset Management
- Sales Forecasting modelling

o Project System (Pheenix Project) developed for Pheenix Systems which allows for a template entry sales recording process. The sales pricing information for this system is dimension based and not stock based like most systems. A configurator needed to be designed and implemented to allow for customer choices, options and dimensions of the product selected which would then calculate the price and stock required to make and build the product. Features include:
- Contact management
- Sales order entry and invoicing
- Template configuration for sales order entry based on a Type and Style and Category structure
- Extensive matrix pricing configuration for Type and Styles, formula control for category to determine pricing, quantity calculations and stock information
- Planning board operations through task and processes for sales order operations
- Order management
- Stock control with average costing
- Custom module programs to allow for individual reporting and business functions
- Ordering based system for clients via a hosted solution for orders to suppliers

o Supply Chain Management (SCM) System to manage movement of coal through the Wiggins Island Coal Export Terminal (WICET). The SCM system interfaces with multiple SQL server databases and linked servers. Implementation of RPC and stored procedures to extract and update data. Parsing of XML data to load data from unloading train process and loading of vessel data.

o Development of a Production system for Gold Coast client to manage the production process of the production of steel springs in the manufacturing factory. Implementation of dashboards to give visibility of movement of orders

through factory and for analysis of stock management to ensure stock levels are maintained to supply orders.

- o Ad Management System developed for a client in Brisbane. Database records ads required for a client from prospective advertisers. It manages the process from initial sales of the ads to the printing process of the final ad production.
- o Developed Accounting Package (Accounting 2000) used by many businesses. System integrated with a Point of Sale system and Asset Management System. This included the following:
  - General Ledger
  - Customer Management
  - Sales and Purchasing
  - Banking
  - Stock Management
  - Reporting – invoicing, purchases, full financial reports including balance sheet, profit and loss, trial balance
- o Client Management Database for a Brisbane client to manage member information for their organisation. This includes recording of member details, achievements and history for the organisation. Reporting requirements on membership details has also been implemented upon request of the client.

Current Position

- Director - Delcom Software Solutions Pty Ltd., Principal software developer
- Director - Pheenix Systems Pty Ltd., Principal software developer

Oct 97 – Present

- Director of Delcom Software Solutions PTY LTD
- Director of Pheenix Systems PTY LTD (principal developer)
- Positions involve supporting current clients over South East Queensland and Interstate. Support entails meeting the clients' needs in the following areas – Business Consultation, Reporting Analysis, Database Design, Database Development and administration, Computer hardware support, Network Administration, Computer Software design, Program development, Internet consultation and implementation.
- The business profile of Delcom Software Solutions PTY LTD outlining services is included at the end of the resume
- Pheenix Systems PTY LTD business profile summary is included at the end of the resume

Mar 2015 – Aug 2016
Software Developer, Senior Developer, Team Lead
WICET (contract)

- Developed Supply Chain Management (SCM) system as part of a team of developers. After 6 months became senior developer and team lead (of developers). Further development and maintenance of the system which continues to present and is maintained by Delcom Software Solutions
- Position required working with multiple developers and contractors across different systems to implement a system that is integral to the operation of the business.