

Curriculum Vitae | John 'Jack' Collins

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Executive Summary

I am consultant-developer specialising in data-driven IT projects. For over eight years I have managed and developed IT projects for clients across the Asia-Pacific Region and Europe. I am a cross-disciplinarian: I can consult with clients, develop solutions, and administer systems. I have specialised in projects regarding Financial Management, Business Intelligence, Analytics, Management Information Systems (MIS), Databases, and System Integration.

Areas of expertise

Information Technology

- Software development: Java, C#, R, JavaScript, PHP, HTML, Python, SQL, SSIS, Cypher, REST, SOAP.
- Platform specialist with: Salesforce (2x certified consultant), MongoDB, MySQL, SAS (certified), Neo4J, Spark, Kafka, Sagemaker, Azure, AWS, BERT, TensorFlow, PowerBI, Git, Jira, MS-DevOps.
- In-depth experience with packages: Pandas, Keras, Tweepy, Matplotlib, Scikit-learn, Scrapy, Seaborn, Tidyverse, Dplyr, Ggplot2, Xgboost, BeautifulSoup.
- 8+ Years of experience covering development, design, architecture, administration and consultation.
- Other skills: Database integration/migration, Web app development, Webscraping, Visualizations, Analytics.

Business Intelligence/Analytics

- Data Mining & Machine Learning: Trained and experienced in predictive modelling and statistical reporting.
- Analytics & Visualisations: Python, R, Tableau, Power BI, SAS, Einstein, Salesforce.
- Reporting to executives on finances, program evaluation and software adoption.

Finance

- Graduate Certificate in Accounting
- Audit & Compliance
- Developing systems for Bookkeepers

Career history

Senior IT Consultant – Hybrid Professionals – 2019-22

I consulted with clients including FinTech, insurance, Air Charters, Sales Companies, Financial Institutions and Large Non-for-Profits. I designed and developed complete Customer Relations Management (CRM) systems solutions with complex data models integrations and connections to external web services. Highlight projects include:

- Developing a complete sales-to-delivery system for E.On Denmark with Microsoft Dynamics, MySQL and C# scripting.

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- Developing an executive reporting dashboard on feature usage for BEC Financial technology's Salesforce platform. Coded with Java, Javascript and Python.

Program Manager/System Administrator – Australian Water Partnership – 2017-2019

I lead the development of an organisation-wide MIS using the Salesforce platform, to administer an AUD 40 Million international aid program. I also oversaw an AUD 1.5 Million program to improve governance at the Pacific Water and Waster Association. A highlight project was:

- Development of a complete analytical suite with Java and Python which delivered [financial reporting](#) and [program evaluation](#) reporting.

Other Roles

- Project Manager/System Administrator - Australian Business Volunteers – 2015-17
- IT Officer – Imagine More – 2017
- Project Officer – Conservation Volunteers Australia – 2014-15
- Bookkeeper – Canberra Food Co-Operative - 2012-2014

Education

- Currently undertaking a Masters' in Data Science (est completed June 2022)
- Masters' in Business (2014)
- Graduate Certificate in Accounting (2014)
- Bachelor of Arts (Hons) In Sociology (2013)
- Certified Salesforce Administrator (2018)
- Salesforce Sales Cloud Certified Consultant (2020)
- Graduate Certificate in Information Technology (2019)

Publications

- “(under review) Populist Attitudes in Australia: Dissatisfaction with Democracy, Economic Anxiety, or Anti-Indigenous Sentiment?”, Glenn Kefford, Benjamin Moffitt, Joshua Marsh, Jack Collins.

References

Upon request