

Timothy Piert

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Career Objective:

To secure a position where there is always an opportunity to learn new things, where fascinating discoveries can happen, and with a creative mind, can deliver solutions to stakeholders. This may be within a consulting framework, or as a staff engineer with ways of reinventing the business in a particular area.

Profile:

- Accomplished software engineer with 4 years experience in data and software engineering, with a passion for understanding complex systems and their inner workings.
- Demonstrated a high level proficiency in several languages, including Scala as the most recent area of expertise.
- Successfully delivered various projects for clients across a diverse range of industries, including manufacturing, banking, and public sector, as part of DXC's data and analytics division.
- Proven track record of working independently and collaboratively to develop innovative solutions that meet the client's needs.
- Driven to continue expanding my skillset and knowledge in data integration and apply them to excel in data engineering roles within the banking and financial sector.
- Currently holds a AGSVA clearance.

History:

Associate Application Developer – DXC Technology

Feb 2019 – May 2023

Key Responsibilities:

- Implementing solutions, ranging from data pipelines to data parsing/cleansing, as a data engineer.
- Developed and deployed data pipelines with changing requirements and tight time frames.
- DevOps within both regulated and commercial environments, across different cloud platforms.
- Writing documentation for final client handover.
- Working with various clients in gathering requirements and providing support to the various solutions implemented.

Clients: Bluescope Steel, IHPA (Independent Hospitals Pricing Authority)¹, DESE (Department of Education, Skills and Employment)², NAB (a bank)

Accomplishments:

- Delivered and maintained data validation scripts used in two rounds of large-scale data collection, within a regulated environment and tight deadlines. This made future rounds of collections, which often had changing requirements, easier to implement within the time frame.
- Worked on a POC (Proof Of Concept) to test the feasibility of using stock OCR tools in Azure on document validation. This POC allowed for the team to identify shortfalls in the tools and what additional work is needed to ensure high confidence in the validation.
- Implemented parts of the Quantexa platform specifically tailored for the financial crime division of a bank. This received praise from the managing engineer at the bank.

¹ Renamed IHACPA in 2022 due to expanded remit.

² Department has been reorganised in mid 2022, now its two separate departments (DE & DEWR)

Full stack developer – end of year project, UOW

2018

Key Responsibilities:

- Design and implementing database architecture
- Logo and graphical design
- Design and implementing site logic and some UI components.
- Project management
- Requirements gathering

Accomplishments:

- Implemented an onboarding and upskilling site, using the MERN stack, for Accelo, a local tech company.

Developer – Eurobodalla Shire Council, Tourism Advisory Committee (Research)

2015-2016

- Developed a POC for ingesting customer data from various participating businesses.

Languages:

- Java (5 years)
- Javascript (5 years)
- SQL (6 years)
- Scala (2 years)
- Spark (2 years)
- HTML/CSS (5 years)
- C++ (3 years)
- PHP (1 year)
- Bash (3 years)
- Python (2 years)

Skills:

- Problem-solving
- Communication skills (verbal & written)
- Teamwork and collaboration
- Analytical thinking
- Attention to detail
- Creativity and innovation
- Continuous learning and self-improvement

Education & Training:

DXC-sponsored training courses

2019-2023

Courses:

- GCP
- AWS
- SAS IIM and Visual Investigator
- Quantexa

Bachelor of Computer Science (Software Engineering)

2016-2018

University of Wollongong

Achievements:

- **Faculty's Dean Merit Award for 2016** (top 5% of engineering faculty)
- Degree awarded with **Distinction**

Volunteering History:**Illawarra Bicycle Users Group (IBUG)****2022- Present**

Member

Achievements

- Attended the inaugural Micro-mobility conference in Sydney
- Managed to join Wollongong Council's Walking, Cycling and Mobility Reference Group
- Made personal submissions and advocated to the local council regarding cycling and pedestrian infrastructure.

Wollongong Undergraduate Students' Association**2017-2018**

President

Achievements:

- Developed documentation related to transition between administrations.
- Heard and resolved 3 cases as a member of the Student Conduct Committee

References³:

³ Can provide contact details on request, otherwise they all have linkedIn pages.