



Christopher Needham

Software Development | Technical Consulting |
Bossiness Analyses | Cognitive Intelligence &
Automation | Digital Transformation

Personal Statement

Accomplished professional individual with a proven track record and over 4 years' experience in technical process design, testing, research and development in addition to corporate consulting in solution development and digital automation.

About Me

Date of Birth: 15 February 1998
Age: 24
Gender: Male
Race: White
Nationality: South African
Drivers License: Code B
Language(s): Afrikaans & English
LinkedIn: [link](#)

Contact Details

Phone: +27 82 675 5501
Email: chris.needham277@gmail.com

Location

International,
Johannesburg, Gauteng, SA
Pretoria, Gauteng, SA
Cape Town, SA

General Interests

Music	Studying
Running	Camping
Reading	Cycling
Networking	Wildlife
Research	Traveling
Cooking	

Education

Postgraduate Degree in Software Engineering

- ✓ Belgium Campus
- ✓ Achieved (January 2021)
- ✓ 74% average

CIMA – Certificate Level

- ✓ Chartered Institute of Management Accounting (CIMA)
- ✓ Level: Certificate Level
- ✓ In Progress (2023)

High School

- ✓ Hoërskool Eldoraigne
- ✓ 2016

Specialisation

Research, Design and Development, Solution Architecting

Covering topics, such as:

- Development Standards, Principles & Best Practice;
- Project Architecting
- Artificial Intelligence
- Research & Development.

Experience

DECISION INC.

- **Period:** January 2022 – Present
- **Role:** Developer/ Technology Consultant
- **Title:** Intermediate Software Engineer
- **Department(s):** Modern Workplace and Robotic Process Automation (RPA)

DECISION INC.

- **Period:** January 2020 – January 2022
- **Role:** Developer/ Technology Consultant
- **Title:** Junior Software Engineer
- **Department(s):** Modern Workplace and Robotic Process Automation (RPA)

synerics ENTERPRISE ARCHITECTS

- **Period:** January 2019 – December 2020
- **Role:** Developer
- **Title:** Junior Developer
- **Department(s):** Digital Delivery



- **Period:** July – December 2019
- **Role:** AI Developer
- **Title:** Junior Developer
- **Department(s):** Exchange student 3rd year Project

Industry Exposure

- ✓ Mining and Metals
- ✓ Retail
- ✓ Manufacturing
- ✓ Pharmaceutical
- ✓ Logistics
- ✓ Insurance

General Skills

- ✓ Collaboration (Teamwork)
- ✓ Communication (Verbal and Written)
- ✓ Effective Technical Skills
- ✓ Performance Under Pressure
- ✓ Problem Solving
- ✓ Project Management
- ✓ Innovation
- ✓ Flexibility

Technical Skills


- ✓ C# (Advanced)
- ✓ SPFx React SharePoint (Intermediate)
- ✓ React Js (Intermediate)
- ✓ .Net 6 Blazor (Intermediate)
- ✓ SharePoint Administration
- ✓ Internet of Things (IoT)
- ✓ Python (Intermediate)
- ✓ UiPath
- ✓ Automation Anywhere (Advanced)
- ✓ MS Power Platform
- ✓ DevOps
- ✓ Azure

Business Skills


- ✓ Process Optimisation
- ✓ Specification Gathering
- ✓ Strategic Cost Reduction
- ✓ Strategic Sourcing
- ✓ Technical Costing
- ✓ Process Automation
- ✓ Project Management
- ✓ Negotiation

Projects:

Supplier Management Portal (Motus)

- **Role:** Software Developer 
- **Industry:** Automotive
- **Period:** June 2022 – Current
- **Key Responsibilities:** Full Stack Development and DevOps pipeline management.
- **Outline:** Building a supplier Management portal. Using a CE integration from Microsoft Dynamics 365. Building Azure Functions and a backend API to make the custom React JS web portal link to the back-end data on Dynamics 365.
- **Key Achievements:** N/A (current)


Development of a bespoke CRM and Portal

- **Role:** Software Developer 
- **Industry:** Capital markets research and trading
- **Period:** Mei 2022 – July 2022
- **Key Responsibilities:** Setting up development standards, Full Stack Development and DevOps pipeline management.
- **Outline:** Implementation of a combined bespoke management, research, and distribution solution. This engagement aims to design and implement a solution that combine three separate systems: **CRM**, **External Portal**, and **LIB**, for ease of use, more efficient integration, and management.
- **Key Achievements:** N/A (Project still ongoing using my standards)


Automation of capturing Purchase orders (CLICKS)

- **Role:** Lead RPA Developer 
- **Industry:** Finance
- **Period:** December 2022 – Mei 2022
- **Key Responsibilities:** Solution Architect, Lead Developer, Client Relations, Process mapping.
- **Outline:** Lead developer on an RPA solution automating and validating purchase orders being captured into SAP. Consulting client on best technologies and improving their current process to be ready for automation.
- **Key Achievements:** Retained Client for Decision inc. as Relations were fragile due to other prior projects. Worked close with client and identified other areas for automation. (projects currently now ongoing)


Fleet Accident Management App (PepciCo)

- **Role:** Business Analysts 
- **Industry:** Insurance.
- **Period:** August 2021 – January 2022
- **Key Responsibilities:** Business Analyst, Client Relations.
- **Outline:** Lead analyst identifying key data points. Working with client to identify data structure, workflow process and managing 3rd party expectations. Working with internal development team to insure delivery and management of SOW
- **Key Achievements:** N/A

Risk Portal

- **Role:** Software Developer 
- **Industry:** Retail.
- **Period:** January 2021 – August 2021
- **Key Responsibilities:** Developer, Client Relations.
- **Outline:** Building a SharePoint SPFx React application to document and minimize risk though out the organizations finance and logistics processes.
- **Key Achievements:** Managed to convince client to kick of a phase two project. Where I was responsible for costing and estimation the effort to implement the phase two.

Process improvement Consultant

- **Role:** Process Improvement, Software Developer 
- **Industry:** Schooling and Recruitment
- **Period:** June 2020 – November 2020
- **Key Responsibilities:** Development and Client Relations.
- **Outline:** When Covid 19 hit it changed the schooling and recruiting industry drastically. Applications had to be built and systems put in place to allow these industries to function.
- **Key Achievements:** Successful development and implementation Covid 19 scanning app and an online recruiting application that automated and digitized the process.

Certifications

- ✓ Microsoft PL 900
- ✓ Automation Anywhere
Advanced developer
- ✓ UI-Path Advanced
developer

Projects:

Support engineer

- **Role:** Software Developer, First line support
- **Industry:** Mining and Retail
- **Period:** January 2020 – November 2020
- **Key Responsibilities:** Supporting client system issues and Client Relations.
- **Outline:** Making sure all logged support issues are attended to within the aggregated SLA time. Major changes occurred during this time due to remote working so a few clients required a fulltime support engineer.
- **Key Achievements:** N/A



Under water see drone

- **Role:** Software Developer
- **Industry:** Online Insurance
- **Period:** August 2019 – January 2020
- **Key Responsibilities:** Building image recognition and training a AI modal to identify objects in low light and determine to do a specific action according to the identified object.
- **Key Achievements:** N/A



Online Insurance eligibility calculator

- **Role:** Software Developer
- **Industry:** Online Insurance
- **Period:** January 2019 – August 2019
- **Key Responsibilities:** Building and expanding API back services that would integrate with a front.
- **Key Achievements:** N/A

