Byron Killian Young

Software Developer

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EDUCATION

Cape Peninsula University of Technology   Cape Town, WC

DPICTADIP: ICT in Applications Development   *2021 – 2023*

Princeton High School   Cape Town, WC

Matric Certificate   *2008 – 2012*

WORK EXPERIENCE

Capaciti   Jul 2025 – Present

Digital Associate   *Salt River, WC*

- Wrote and debugged code in Python, JavaScript, and HTML/CSS
- Built and deployed responsive web apps to hosting platforms
- Tested and troubleshoot application bugs to ensure stability
- Used Git and GitHub for version control
- Participated in agile/scrum sessions and code reviews

Cape Peninsula University of Technology   Jul 2023 – Dec 2023

Work Integrated Learning Student   *Bellville, WC*

- Developed a prototype Virtual Machine request web application using Joomla for the frontend.
- Collaborated with the team using GitHub for version control to improve development workflow and keep the project organized.

University of Western Cape   May 2018 – May 2019

Intern Developer   *Bellville, WC*

- Worked closely with a senior developer to design and implement an application using SQL Server Integration Services (SSIS), focusing on data extraction, transformation, and loading (ETL) processes.
- Assisted in documentation and quality assurance processes.

PROJECTS

AI Concept Chatbot | React, TypeScript, Tailwind CSS, Shadcn/ui, Vite, Gemini 1.5 Flash API | **Link**   Jul 2025 – Jul 2025

- A concept chatbot that focuses only on Artificial Intelligence. It's designed to answer AI-related questions in a simple, easy-to-understand way, making it useful for anyone curious about the field.

Custom Content Generator | React, TypeScript, Tailwind CSS, Shadcn/ui, Vite, Gemini 1.5 Flash API | **Link** Jul 2025 – Jul 2025

- A simple and powerful tool that lets you generate text, images, and code from your own prompts. Built with Gemini 1.5 Flash and Hugging Face Stable Diffusion for fast and creative results.

AI Accessibility Tool | React, TypeScript, Tailwind CSS, Shadcn/ui, Vite, Gemini 1.5 Flash API | **Link**   Aug 2025 – Aug 2025

- A web application that extracts text from uploaded PDFs or images and enhances accessibility with features such as text-to-speech, translation, summarization, and text simplification.

AI Resume Builder | React, TypeScript, Tailwind CSS, Shadcn/ui, Framer Motion| **Link**   Aug 2025 – Aug 2025

- A web application that helps users create and customize their resumes using AI-driven templates and suggestions.

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript, Python, TypeScript

Tools & Frameworks: React, NodeJS, Git, Postman, Visual Studio Code, Visual Studio

Databases: SQL Server, MongoDB

Design: Figma