

# Byron Killian Young

Software Developer

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## EDUCATION

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### Cape Peninsula University of Technology

*DPICADIP: ICT in Applications Development*

Cape Town, WC

2021 – 2023

### Princeton High School

*Matric Certificate*

Cape Town, WC

2008 – 2012

## WORK EXPERIENCE

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### Capaciti

*Digital Associate*

Jul 2025 – Present

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

*Work Integrated Learning Student*

Jul 2023 – Dec 2023

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

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### 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.

### NGO Portfolio Website | React, TypeScript, Tailwind CSS, Shadcn/ui, Vite, EmailJS | [Link](#)

Aug 2025 – Aug 2025

- A web application that showcases the initiatives of a non-profit organization, featuring a user-friendly interface and easy navigation

## TECHNICAL SKILLS

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

**Tools & Frameworks:** ReactJS, NodeJS, ExpressJS, Git, Postman, Visual Studio Code, Visual Studio

**Databases:** MS SQL Server, MongoDB, Neon Serverless Postgres

**Design:** Figma