

ARNO CHRISTIE

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Randfontein, Gauteng, South Africa

ABOUT ME

BSc in Information Technology graduate with distinction (86.3% average) from North-West University. Experienced in developing AI-powered applications, with a strong focus on NLP model training, backend development (Django, Node.js), and database management (MongoDB, MySQL). Proven success in delivering impactful, user-focused solutions, which including a university-adopted multi-platform student feedback system. Passionate about leveraging AI and full-stack technologies to solve real-world problems effectively.

EDUCATION

BSc. in Information Technology North-West University	Jan 2022 - Dec 2024 Potchefstroom, North-West
National Senior Certificate Hoërskool Riebeeckrand	Graduation Date: Dec 2020 Randfontein, Gauteng

WORK EXPERIENCE

AI Development Intern Reverside Software Solutions *Short Intensive Internship in NLP & backend Django development*	Apr 2025 – May 2025
<ul style="list-style-type: none">Transformer-Based NLP Development: Fine-tuned HuggingFace models for long-form text generation, leveraging PyTorch and the HuggingFace ecosystem for optimization.Backend AI Services: Developed Django APIs with MongoDB to serve fine-tuned models, ensuring seamless integration between ML pipelines and production systems.End-to-End ML Pipeline: Preprocessed datasets, evaluated models, and prepared them for deployment via containerization (e.g., Docker).Agile Team Collaboration: Worked in a Scrum team to design and iterate on ML features, contributing to sprint planning, daily stand-ups, and peer code reviews.	
Sales Associate Power Truck Parts	Jan 2021 – Sep 2021
<ul style="list-style-type: none">Delivered exceptional customer service, resolving client inquiries and ensuring satisfaction.Collaborated with team members to achieve sales targets and improve store performance.Developed strong communication and problem-solving skills in a fast-paced environment.	

PROJECT EXPERIENCE

Final Group Project - Multi-Platform Student Feedback Application Full-Stack Developer	
<ul style="list-style-type: none">Technologies Used: Node.js, Express, Flutter, MySQL, Cloud Storage (Nextcloud).Description:<ol style="list-style-type: none">Part of a small team that developed a multi-platform application enabling students to submit video assignments and receive faculty feedback seamlessly and efficiently.Designed and implemented the backend API (Node.js, Express) for video compression, conversion, and cloud storage, and built the frontend (Flutter) for intuitive video uploads and viewing.Managed the MySQL database, storing metadata (e.g., video titles, submission dates, user information), and configured cloud storage for secure video uploads and retrieval.Authored comprehensive API documentation, including endpoint specifications and usage guidelines, ensuring seamless integration for future developers.Collaborated with a team of three to deliver the project on time, meeting all requirements and achieved project mark of 94%.Achievements: Recognized as the best project among five finalist groups, leading to adoption by the university for integration into their HMS systems for use by students and lecturers.	

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C#.
 - **AI & Machine Learning:** NLP model training and fine-tuning, Transformer architectures, Text generation
 - **Backend Development:** Django, Node.js, Express, API integration
 - **Database Management:** SQL Querying & Optimization, MongoDB, MySQL, Microsoft SQL Server, Database Design, Cloud storage integration (Nextcloud)
 - **Software Development:** Object-Oriented Programming (OOP), Version Control (Git), Agile Scrum, Test-Driven Development (TDD), SDLC
 - **Web Development:** Backend services with Django and Node.js, API development and integration, Multi-platform application design
 - **Soft Skills:** Problem Solving, Communication, Adaptability, Attention to Detail, Teamwork, Critical Thinking.
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LANGUAGES

- Afrikaans (Native)
 - English (Proficient)
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LICENSES & CERTIFICATES

- Foundational C# with Microsoft Developer Certification.
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AWARDS & ACHIEVEMENTS

- Golden Key International Honor Society Member - Top 15% of highest-performing students at North-West University, recognized for academic excellence.
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