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<div><div> Technical Skills</div><ul style="list-style-type: none">• Programming Languages: Python, Java, C++, JavaScript, PHP, R• Machine Learning/ Deep Learning: TensorFlow, PyTorch, Hugging Face, CLIP, YOLO• Data Science & Analytics: Pandas, NumPy, Matplotlib, Scikit-learn, R• Security Tools & Concepts: Kali Linux, Wireshark, Nmap, Network Protocols, Secure System Design• Web & API: HTML5, CSS3, Flask, Odoo, PHP, AJAX, RESTful API, JSON• Databases: MySQL, MongoDB (NoSQL), ER Modeling• Tools & Version Control: Git, GitHub, Docker (Basic), VS Code, Jupyter Notebook• Concepts: OOP, DSA, Agile Scrum, Secure System Design, Real-Time Computer Vision</div>	
<div><div> Project Experience</div><ol style="list-style-type: none">Real-Time Deep Learning-Based Face Detection and Recognition with Integrated Liveness Detection for Attendance System (FYP) (2025) <i>Python, TensorFlow, Flask, OpenCV, Dlib, Mediapipe, SolvePnP</i> <ul style="list-style-type: none">• Developed a real-time facial recognition system with blink, smile, and head movement liveness detection.• Implemented end-to-end pipeline for image processing, face detection, and attendance automation.• Optimized model performance for low-latency real-time deployment.Staff Uniform SOP Compliance Analysis (2025) <i>Python, YOLOv11n, Swin-T, CLIP, OpenCV, Pandas</i> <ul style="list-style-type: none">• Built a hybrid deep learning pipeline: detect people → extract top-wear → classify uniform compliance.• Applied few-shot learning with CLIP for dataset preparation and improved generalization on limited samples.• Evaluated staff uniform compliance with Standard Operating Procedures (SOP) using visual analytics and report generation.• Combined multi-model predictions to classify staff into compliant (polo/vest) or non-compliant categories.Auto-Researcher AI: Autonomous Content Transformation Pipeline (2025) <i>Python, PyTorch, Hugging Face Transformers, ffmpeg, Whisper, LLM (microsoft/phi-2)</i> <ul style="list-style-type: none">• Developed multi-agent architecture (Summarizer, Q&A, Insight Extractor) orchestrated in a central pipeline.• Automated audio extraction, transcription, and structured content generation from unstructured data.• Enabled generation of slides, summaries, and Q&A pairs automatically from YouTube videos.AI Resume Analyzer with Job Street Job Matcher (2026) <i>Hugging Face Transformers (4-bit quantized LLM for reasoning/analysis), Web Scrape (BeautifulSoup +Selenium), Playwright</i> <ul style="list-style-type: none">• Develop for resume parsing, skill extraction & job matching.• Integrated Job Street scraping to rank candidates against relevant job postings and generated structured CSV outputs for candidate-job matching scores and reports.</div>	

Working Experience

Vision AI Developer

BlueTrack Analytics (Invoke) | 2025 - Present

- Developed computer vision pipelines for CCTV surveillance analytics.
- Assisted in designing AI models for real-time object and behaviour detection.

Software Engineering Intern

Axcell Solutions, Kampar, Perak | Oct 2024 – Jan 2025

- Contributed to Loan Management System development on Odoo ERP.
- Collaborated in Agile sprints, conducted testing, and prepared technical documentation.
- Implemented modular features to improve system scalability and maintainability.