ARYAAN VEDAK

SOFTWARE DEVELOPER

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SUMMARY

I am Aryaan Vedak, currently pursuing an MSc in Computing Science at the University of Glasgow. Driven by a passion for technology, I thrive on leveraging my skills to solve real-world challenges and deliver impactful solutions. As a collaborative team player, I excel in dynamic environments and embrace new challenges with enthusiasm, always striving for excellence in my endeavors.

TECHNICAL SKILLS

Python	PyTorch	React Native
Java	TensorFlow	Git
JavaScript	Linux	SQL

PROFESSIONAL EXPERIENCE

Customer Advisor - Post Office Ltd, Cowdenbeath — **Sept 2025 - Present**
- Assisted customers with banking, postal, and financial services
- Handled cash, deposits, withdrawals, and money transfers accurately
- Provided guidance on savings, insurance, and parcel services
- Resolved customer queries efficiently while maintaining service quality
- Ensured compliance with postal and banking procedures at all times

Front of House - Murphy's Pakora Bar, Glasgow — **May 2025 - Sep 2025**
- Delivered friendly, efficient service in a fast-paced setting
- Took orders, served food and drinks, and assisted guests
- Coordinated with kitchen and bar teams for smooth operations
- Maintained high standards of organisation and professionalism
- Ensured every guest had a positive dining experience

Mobile Development - Internship | Squer Products, Thane — **Jun 2024 - Aug 2024**
- Developed and implemented user-friendly mobile screens and features for client apps
- Delivered robust, tested applications aligned with client requirements
- Improved customer satisfaction through quality UI and functionality
- Streamlined screen creation and testing, accelerating deployment cycles
- Gained hands-on experience translating real-world needs into working features

Web Development - Internship | Squer Products, Thane — **Jan 2023 - Jul 2023**
- Built responsive, user-centric web pages based on client requirements
- Designed interactive dashboards and integrated efficient API calls
- Improved data visualization and access across client platforms
- Resolved complex bugs, enhancing website functionality and performance
- Managed project workflows and met tight deadlines consistently

EDUCATION

Master of Science in Computing Science — **Sept 2024 - Sept 2025**
University of Glasgow | Glasgow, UK
- GPA: 2 : 1
- Subjects: Data Science, Deep Learning, Text As Data, ML, Information Visualisation, Big Data.

Bachelor of Science in Computer Science **Sept 2021 - Apr 2024**

Ramnarain Ruia Autonomous College | Mumbai, India
- GPA: 2 : 1 | 8.75 / 10

PAPERS

Markerless Pose Estimation for Enhanced Pig Locomotion Analysis: A Benchmark Dataset and Deep Learning Model (In Progress)

Manuscript on deep learning and computer vision for animal pose estimation. Expected submission December 2025.

PROJECT

Inventory Management and POS System

InventoryXpert is an inventory management and POS system for small and medium-sized businesses. It was designed for businesses with limited resources. It is a cross-platform tool that can be accessed via the web and mobile, making it versatile.

E-Vehicle Sharing Platform

In my master's I worked on a group project where we created an E-Vehicle sharing platform using technologies like Django, React, PostgreSQL, Supabase. The platform uses geospatial co-ordinates to track the location and status of the vehicles being rented. I learned a lot from this project. My main duties in the project were setting up the whole project, handling the database and integration of the frontend and the backend. I was involved in the development of both frontend and the backend.

Markerless Pose Estimation on Unpublished Pigs Dataset

Master's Dissertation, University of Glasgow (Ongoing, 2025)
- Developing a markerless computer vision system to analyze pig locomotion for early lameness detection.
- Personally creating and annotating a novel pig locomotion dataset under real farm-like conditions.
- Implementing deep learning–based pose estimation models and evaluating their performance on gait analysis tasks.
- Aiming to contribute towards objective, automated welfare monitoring in Precision Livestock Farming.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi.
- **Soft Skills:** Communication, Problem Solving, Collaborator, Time Management.
- **Hobbies:** Gymming, Table Tennis, Cricket, Swimming, Gaming

REFERENCES

Ashutosh Pavaskar

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