

# SANDESH SHRESTHA

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## SUMMARY

IT-background professional with practical experience in food-chain operations, combining technical understanding with hands-on involvement in daily task coordination, workflow planning, and stock organisation. Demonstrates strong awareness of quality control, hygiene compliance, workplace health & safety, and customer service standards in fast-paced environments. Detail-oriented, adaptable, and quick to learn, with the ability to apply analytical thinking and digital skills to improve operational efficiency.

## EDUCATION

<b>Swinburne University of Technology</b> , Sydney, Australia Master of Information Technology: Data Analytics	Sept 2025
<b>University of Wolverhampton</b> Bachelor of Science: Computer Science	June 2022

## SKILLS

- **Operations & Team Coordination:** Daily Task Coordination, Workflow Planning, Stock Organisation, Time Management, Problem Solving
- **Customer Service & Workplace Practice:** Professional Customer Service, Quality Control Awareness, Workplace Health & Safety, Hygiene Compliance, Manual Handling
- **Language and Tools:** Python, SQL, Flutter, Django, Figma, Tableau, AWS, Git, Jupyter, Excel
- **Machine Learning & Deep Learning:** XGBoost, Random Forest, Logistic Regression, SVM, TensorFlow, Keras, CNN
- **Data Analysis & Visualization:** EDA, Feature Engineering, Matplotlib, Seaborn
- **Statistical Analysis & Time Series:** ANOVA, Hypothesis Testing, ARIMA, Prophet
- **NLP:** TF-IDF, BERT

## WORK EXPERIENCES

**Assistant Kitchen Supervisor** Sept 2023 - Current  
Kraka Seafood, Regents Park (current) & Ocean Foods, Drummoyne, NSW (Sept 2023 - Sept 2024)

- Managed kitchen operations in the absence of the head chef, ensuring efficient workflow and quality standards.
- Managed stock preparation, rotation, and storage while maintaining freshness, presentation, and waste control.
- Assisted in supervising kitchen staff and coordinated tasks during peak periods to ensure efficiency.
- Delivered prompt, professional customer service and effectively resolved issues to maintain high customer satisfaction

**Data Analyst Intern** Jan 2025 - April 2025  
Ausbiz Consulting, Parramatta, NSW

- Assisted in data scraping and cleaning using Selenium, optimizing scripts for efficiency and accuracy while adhering to ethical practices and rate limiting.
- Deployed and managed data processing tasks on AWS EC2, and worked with Neon DB using psycopg3 for cloud-based data handling.
- Collaborated on project development through GitHub, contributing to version control and team coordination.

**Associate Software Engineer, Internship** July 2022 - August 2022  
Aspark Systems, Nepal

- Developed the application UI using Flutter, creating reusable custom widgets to accelerate development and enhance maintainability.
- Efficiently managed widget states with Provider for seamless integration with background data updates and real-time data handling.
- Integrated third-party libraries like Dio to interact with backend APIs, implementing functionality using Flutter best practices and ensuring smooth data flow for analytical features.

**Keyword Researcher/Social Media Marketer** May 2021 - June 2022  
S.M.T Group, Nepal

- Conducted comprehensive SEO keyword research to optimize content for higher search engine rankings and increased organic traffic.
- Created engaging graphic content and managed ad campaigns to enhance brand visibility and engagement across social media platforms.
- Developed SEO-optimized headings, subheadings, and keyword strategies to improve content performance and visibility.
- Analyzed social media performance, leveraging keyword data to refine content strategies and stay ahead of competitors.

## VOLUNTEERING EXPERIENCES

**Logo Designer** 2024  
NC Cleaning, Sydney, NSW

**Photographer/Videographer/Digital Marketer** Sept 2022  
Fashion Bliss, Kathmandu, Nepal

**IT Head** 2017 - 2018  
The English Society, Kathmandu, Nepal

## UNIVERSITY/PERSONAL PROJECT WORKS

**Credit Card Default Detection** 2024  
Built an **XGBoost** model to predict credit card defaults. Performed model explainability using **SHAP** and assessed **model fairness with Fairlearn**, ensuring transparency and equity in predictions.

**Fraudulent Credit Card Transaction Detection** 2024  
Developed a **machine learning pipeline** to detect fraudulent credit card transactions. Conducted **exploratory data analysis (EDA)**, **engineered features**, and applied various **dataset balancing techniques**. Compared the performance of **tree-based algorithms**.

**Bitcoin Price Prediction - DateTime Series** 2024  
Performed **MA** and **lag variable analysis**, used **BERT** for text processing, and built a model with **Facebook Prophet**, testing it against **ARIMA**. Applied **ANOVA** for feature significance.

**Easy License Application: Traffic Sign Recognition** 2022  
Developed using **Flutter** for the frontend, **Django** for the **restful API**, and **Figma** for the design. implemented **CNN** for modelling. Deployed the application on **AWS**.

**Portfolio - Web Application** 2022  
Designed and developed a portfolio website using **HTML**, **CSS**, and **JavaScript**, with a focus on user-centric design created in **Figma**. Integrated **Animate on Scroll (AOS)** for animations. Deployed the website on **Netlify**.

## REFERENCES

References available upon request.