

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

Swinburne University of Technology, Sydney, Australia Sept 2025
Master of Information Technology: Data Analytics

University of Wolverhampton June 2022
Bachelor of Science: Computer Science

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.