

# Saugat Poudel

## DETAILS:

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**Github:**<https://github.com/xaugatp>

## SKILLS:

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**Data Science/ Machine Learning/ Deep Learning**  
Python, Data Visualization,  
Supervised learning algos,  
Unsupervised Learning Algos,  
ANN, CNN, EDA, Feature  
engineering, Feature selection  
and extraction etc

**Python Packages and Frameworks**  
Scikit-Learn, Tensorflow, Keras,  
Cloud vision API, NumPy,  
Pandas, SciPy, Beautiful Soup,  
PySpark

**MLops Tools**  
DVC,MLflow,CI/CD,Tf-extended,  
Circleci, jenkins

**Programming Languages/ Web Dev**  
Python, JavaScript, HTML,  
CSS,Flask, Django

**Frameworks**  
Django, Flask

**Databases**  
Mysql, MongoDB,Postgresql

**Cloud Deployment and containers**  
AWS beanstalk,AWS EC2,  
Heroku, Git, Docker

## CERTIFICATIONS:

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**Machine Learning Specialization**  
(Stanford University & Deep  
Learning AI on Coursera)

**Data Science Masters 2.0**  
(PW Skills)

**Decode Python with DSA Course June'24**  
(PW Skills)

## OBJECTIVE:

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Proactive data scientist with a strong foundation in machine learning and data analysis, ready to leverage my technical skills and quick learning ability to tackle complex problems and deliver effective solutions. Committed to continuous improvement and contributing to team success

## EDUCATION:

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**Torrens University Australia**  
Bachelor of Software Engineering (Artificial Intelligence)  
May 2022 - May 2025 (5.66 GPA/8 GPA )

## INTERNSHIPS + TRAININGS

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**Data Science Intern (PW Skills)**  
Collaborated on advanced data science projects , developing AI models to enhance learning platforms and student engagement

**Data Science Job Simulation (British Airways)**  
Utilized web scraping to derive actionable company insights and developed predictive models to forecast customer buying behavior

**Intro to Data Science Job Simulation (Commonwealth Bank)**  
Performed data aggregation and anonymization, proposed innovative data analysis approaches, and designed efficient databases for optimal data management

## SELECTIVE PROJECTS

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**Intelligent Fraud Detection System**  
Built a machine learning model to detect fraudulent credit card transactions with high accuracy. Implemented feature engineering and anomaly detection techniques to minimize false positives.

[GitHub Link](#)

**Real-Time Facial Recognition Engine**  
Developed a real-time system to identify and verify individuals using advanced face recognition algorithms. Integrated live video processing to enhance security applications.

[GitHub Link](#)

**Diamond Value Estimator**  
Created a predictive model for diamond pricing, analyzing key features like carat, cut, and clarity. Optimized the model to provide accurate price estimates for better valuation.

[GitHub Link](#)

**AI-Powered Text Summarizer Bot**  
Designed a chatbot capable of summarizing long-form text into concise summaries using natural language processing. Deployed a user-friendly interface for quick information retrieval.

[GitHub Link](#)

## REFERENCES:

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Provide upon request