

(647) 865-3991  
Oshawa, Ontario  
hello@devyratnasari.com

# Devy Ratnasari

Data Scientist / Data Analyst / Software Developer

linkedin.com/in/devy-ratnasari  
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devyratnasari.com

Skilled and results-oriented professional with two years experience in software development with a focus on designing and building an end-user application. Successfully improve the efficiency of the business process. Independently managed, designed and implemented business processes for the company. Awarded recognition for excellent company performance. Viewed as a strong problem solver in intense and demanding environments.

## TECHNICAL SKILLS

<b>Programming</b>	Python, C#, Java, .net, FlaskAPI, SQL, Mysql, SQLAlchemy
<b>Artificial Intelligence</b>	Machine Learning, Deep Learning, OpenCV, LLMs, TensorFlow, Scikit-Learn
<b>Visualisation Tools</b>	Tableau, PowerBI
<b>Cloud</b>	AWS EC2, Azure (Fundamentals), Heroku, Render

## PROJECTS

### Credit Card Detection (Capstone Project) January 2022 — April 2022

- Built a credit card fraud detection model using Machine Learning and Deep Learning with an accuracy score of more than 80%. This model can be implemented in the bank and finance sector to reduce company losses by preventing fraud.
- IEEE presentation: [Youtube presentation link](#) | Analysis: <https://devyratnasari.com/capstone1.html>

### HM Fashion Recommendation System (Kaggle Competition) April 2022 — May 2022

- Created a recommendation system model for HM Kaggle competition using ALS Implicit algorithm. This recommendation system can be applied in any e-Commerce or other application, which can increase the business profit.

### Automatic Attendance Using Face Recognition and Object Detection (Capstone Project) May 2022 — August 2022

- Constructed a web application for collecting students' attendance using facial recognition. This application could simplify the lecturer's task in taking attendance and calling out each student's name and as well as reduce the possibility of other people taking attendance on behalf of someone else.

### Government Bonds Order Prediction October 2022 — November 2022

- Analysed Customer behaviour and developed a prediction model using Machine Learning to predict the likeliness of the user ordering bonds. This model could help the company to know how many bonds need to reserve.
- Analysis: <https://devyratnasari.com/bonds.html>

## EDUCATION

### Artificial Intelligence Analysis, Design & Implementation - Graduate Certificate January 2022 — August 2022

- Durham College* Ontario, Canada
- Conduct research, data analysis, model development, and solution deployment in an ethical manner that protects privacy, and confidentiality, addresses data bias and transparency and ensures data integrity.

### Computer Science - Bachelor Degree September 2009 — February 2013

- BINUS University* Jakarta, Indonesia
- Recognizes the new technology trends as the enablers of modern-day business analytics and intelligence for decision support
  - Analyze how organizations employed business analytics and intelligence to make decisions or gain a competitive edge
  - Identify Decision Support Opportunities that are supported by business analytics and intelligence.

## TECHNICAL EXPERIENCE

### IT Programmer August 2014 — July 2016

- Agung Sedayu Group* Jakarta, Indonesia
- Developed a software and report system for the legal department that changes the business process from manual to digital systematised and more organised. This results in efficiency for staff and increases the ability to concentrate on important tasks.
  - Trained users on how the system works.
  - Assisted users with system-related problems.

## OTHER EXPERIENCE

### Restaurant Manager June 2020 — November 2021

- Kuon Omakase & Tempura Kuon* Sydney, Australia
- Leverage the usage of social media during pandemic for restaurant marketing, resulting in 100% occupancy which led to maximizing the restaurant's sales.
  - Designed a customer's dictionary system that help the chefs to know and understand the customer's behaviour. Leading to better experience for the customer which increased the restaurant's sales.
  - Trained 6 staff and managed the restaurants that earned an award from the Australian Good Food Guide for excellent food and service.

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## Human Resources Assistant

*Alila Hotels Jakarta*

**March 2013 — March 2014**

*Jakarta, Indonesia*

- Handled medical and other staff benefits.
- Conducted training for a new staff and explain their benefits.
- Administered general affair and liaising between employee union and management if necessary.