

Donika Christova

Contact Details

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Summary

Donika is a skilled consultant and software developer, with technical knowledge and strong sense of analytical thinking. Her diverse personal and work background enables her to view challenges from different perspectives, which contributes to speedy and effective problem-solving. Donika is always tasking herself to innovate and seek out the best possible technical solution for each project. She has been involved in the design, development, and delivery of web applications and automation solutions across a range of industries including Banking, Aged Care and Telecommunications.

Specialisations

- Web/Mobile application development
- Website development
- UiPath Automation
- AI development
- Business Process Mapping
- Project Management

Professional Experience

Polymathian

Brisbane

Software Engineer
Present

March 2022 –

Developing optimisation-based decision support tools for heavy industries including Mining, Rail, Maritime, Energy, Agriculture, Sports and Oil & Gas in Australia and around the world. The dominant languages used are Python, C++ and JS. Development also includes the use of frameworks, toolkits, IDEs and third party software such as: Docker, Flask, SQLAlchemy, React, Gurobi, PuLP, PostgreSQL and Amazon Web Services.

Blackbook.Ai

Brisbane

Automation Developer / Consultant

Aug 2020 – March 2022

Providing expertise, technical guidance, and help developing innovative solutions for various companies.

Utilizing automation and full stack development to provide innovative automation solutions.

Working on projects requiring experience with Python, Django, JavaScript, React, HTML, CSS, AWS, PostgreSQL and UiPath.

Edgeview Advisory

Gold Coast

Project Coordinator / Programmer
2020

Aug 2018 – July

Managed the development of a software project and documented the requirements. Worked closely with stakeholders and developers to ensure the work is done on time and features were developed as required.

Facilitated business process mapping. Communicated with clients and worked with them to map their business processes.

Website development and maintenance. Took part in the planning and developing of a chatbot.

TV Productions

Gold Coast/Brisbane

Camerawoman / Camera assistant

Jan 2018 – April 2019

Youfoodz TVC 2018

Exfit Gym TVC 2018

TEDx Brisbane 2018

Brisbane to Gladstone Yacht Race 2018 & 2019

Travelling Essentials

Gold

Coast

Coordinator
2018

Sept 2017 – Jan

Communicated with potential clients and maintained the relationship with existing ones. Ensured that the clients are satisfied by the products and services provided by the company.

Coding Kids

Gold Coast/Brisbane

Teaching Assistant
2017

March– May

Assisted students while they were learning basic Python programming skills and helped them during the development of their own mini games.

Bianka Panova Sport & Art Academy

Singapore

Assistant Coach
2017

Dec 2015 – Jan

Trained students basic and advanced rhythmic gymnastics skills and prepared them for national and international competitions. Managed and organized classes and events in the academy. Held meetings with the parents to talk about the progress and needs of their children.

Major Projects

Intelligent Cost Business Management Web App

(Python, Django, JS, HTML, CSS, PostgreSQL, AWS)

Web application which leverages automation, artificial intelligence, and data science to allow the business to benchmark cost efficiency across different levels of claim processing. Allows faster review of invoices, prevents invoice leakage, and improves management performance. Saves the business approximately AU\$800,000 per week (or AU\$42 million per year).

Retention Tracker Web App

(Python, Django, JS, HTML, CSS, PostgreSQL, AWS, UiPath)

Web app which facilitates the insurance retention process done by the frontline specialists and expedites it by using automation. Used in the call centres of a major Australian insurance provider and saves approximately AU\$150,000 per year.

Education & Certifications

Griffith University

Gold

Coast

Bachelor of Computer Science
2020

July 2016 – June

Gained experience related to database, interactive web applications, iOS mobile applications and solving problems using different programming languages and algorithms. Understanding of software development principles and information security management. Final project involved the development of a mobile and web app for Gold Coast Discounts, which is still available for Android and iOS.

Main takeaway skills:

- Web development (React, JS, HTML, CSS)
- C /C++ programming
- Python programming
- Java programming
- AI development
- App development (Swift, Xcode)
- Database – MySQL, PostgreSQL
- Frond end wireframe design – Axure

Innova Junior College

Singapore

Singapore-Cambridge GCE A Level
2015

Jan 2014 – Dec

Awards & Certifications

FastAi Developer

FastAi – July 2021

RPA Business Analyst Training

UiPath - Sep 2020

RPA Developer

UiPath - Sep 2020

AWS Solutions

Amazon Web Services- Aug 2020

UiPath Certified RPA Associate (UiRPA)

UiPath - July 2020

Griffith Award for Academic Excellence

Griffith University - Nov 2019

**National Youth Achievement Award
(Bronze)**

Singapore NYAA Council