



Kacper Agatowski

SOFTWARE ENGINEER

Details

0871711042

kacperagatowski@gmail.com

DRIVING LICENSE

Category B

Links

[Github](#)

[Portfolio](#)

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Skills

JavaScript

PHP

Python

Laravel

Linux

MySQL

MongoDB

ReactJS & React Native

Cisco Certified Network
Professional

Amazon Web Services

Artificial Intelligence

Application Programming
Interfaces (APIs)

Node.js

Tableau

Syntactically Awesome Style
Sheets (SASS)

Tailwind framework

Bootstrap framework

Profile

Passionate and versatile software developer with a strong foundation in full-stack development. During my three years at IADT, I honed my skills, becoming a top performer in my class. I am driven to solve complex problems, continuously expand my technical knowledge, and embrace challenges that push me beyond my comfort zone. Committed to delivering high-quality, scalable applications with a user-centric approach.

Education

BSc (Hons), Institute of Art Design and Technology, Dublin

SEPTEMBER 2021 – MAY 2025

- Year 1 GPA : 3.40
- Year 2 GPA : 3.15
- Year 3 GPA : 3.63

MySQL Experience

Working with MySQL has provided me with a solid foundation in database queries and table management. In my projects using the Laravel framework, I adopted Breeze as a minimal starting point. This allowed me to effectively use MySQL, PHP, and Bootstrap to create dynamic and user-friendly websites.

Data Visualization

I have leveraged JavaScript and MySQL to retrieve data from databases and create various charts that visually represent this information. This process has helped enhance data comprehension and make insights more accessible to users.

Linux Knowledge

My experience with Linux has equipped me with essential skills in file permissions, system management, and process handling. Additionally, I have utilized Tableau and R to extract and visualize data, making complex datasets more understandable and actionable.

Single Page Applications

I have developed single-page applications using React.js, focusing on retrieving data from APIs to present it in an intuitive manner. This approach allows for a seamless user experience while interacting with dynamic content.

Cisco Networking Essentials

I earned a certificate for completing the Cisco Networking Essentials module, which has deepened my understanding of networking concepts and practices.

Full-Stack Development

As a full-stack developer, I have built web applications using JavaScript, focusing on both front-end and back-end development. I utilized React Native to create responsive, cross-platform user interfaces and implemented server-side logic with Node.js and Express. Using MongoDB as my database and Mongoose for object data modeling, I ensured efficient data management and seamless integration between the front-end and back-end, resulting in a robust user experience.

Python for Data Manipulation

I am proficient in Python for data manipulation and analysis, utilizing Pandas to clean and transform datasets. I have also created visualizations with Matplotlib and

Languages

Polish

English

Hobbies

In my spare time, I play football for the college, where I serve as the vice captain and am actively involved in the football society committee. I also enjoy playing golf whenever I get the chance. During the summer, I love traveling to tropical destinations where I can indulge in scuba diving, as I hold a PADI license.

Seaborn, effectively presenting data trends and making complex analyses easier to interpret through clear and informative graphs.

Machine Learning Application

I developed a Python application to address a machine learning problem using the Scikit-Learn library. This involved building and training ML models, performing data preprocessing, selecting features, and evaluating model performance. By applying various algorithms, I achieved accurate predictions and effectively utilized Scikit-Learn's tools for model development and optimization.

Employment History

Retail Worker, Tesco, Dún Laoghaire

AUGUST 2020 – OCTOBER 2021

- Guaranteed high levels of customer satisfaction through product knowledge and attentive service.
- Prepared products for sales floor and presenting items immaculately for appealing displays.
- Assisted customers in locating specific items to boost satisfaction.

Cashier, Jesters Casino, Dún Laoghaire

NOVEMBER 2021 – PRESENT

- Delivered outstanding customer care with interaction and listening skills
- Assisted with cashier close by counting cash and balancing paperwork.
- Handled currency payments, secured funds in register and prepared deposits at end of day.
- Handled cash and card payments with precision, maintaining customer confidentiality and discretion throughout.
- Educated customers on promotions, offers and special events to enhance sales.
- Prepared and submitted end of shift reports using excel with specific functions.