



Marcel Zama

Software Development Engineer
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Naas,
Co.Kildare

Summary

Graduate Software Development Engineer always in competition with the past me. Excited to join a team of professional software developers, eager to learn new skills, and dedicated to improving my programming abilities.

Education

Secondary School

Curragh Post Primary School
Sep 2018 - May 2020 · Curragh, Co. Kildare

BSc Degree in Software Development

SETU: South-East Technological University
Sep 2020 - May 2024 · Carlow, Ireland

Relevant Coursework:

Advanced Programming, Concurrent Development, Agile Software Development, Agile Software Verification, Advanced Programming, Secure Application Development, Data Science and Machine Learning, Cloud Development UI/UX Design and Development

Final Year Project:

Interactive Map of SETU Carlow – I have planned, designed and developed a User-friendly map application using Java, Android Studio, and Firebase Database and Python with Flask for database controller, which is supposed to assist new students and visitors in navigating the campus. The campus being big it was difficult for visitors and new commers to navigate through the long corridors and to find the desired location, this application came in handy to everyone not familiar with the college mazes. It works by pointing the location where the person is currently positioned and its desired end location and the application calculates the route and finds the shortest path from the start to the end location. This project was supervised and coordinated with my professor who liked the idea and thought that this could be very useful with further implementations like adding personal account and favorite rooms and personal time table and schedules which were partly implemented but did not go live cause of the closing of the deadlines.

Links

Personal Website

<https://www.MarcelZama.dev/>

LinkedIn Profile

<https://www.linkedin.com/in/marcel-zama-16a174238/>

GitHub Account

<https://github.com/marcelzama>

Skills

Java / Python / C / C++ / C#

Git / Cloud / Jira / Asana

Firebase Database / Assembly

HTML / CSS / JavaScript / SQL

Rest API / Postman / CRM

Creativity / Adaptability / Multitasking / Responsible

Team Work / Communication

Languages

Romanian [NATIVE]

English [FLUENT]

Russian [FLUENT]

French [INTERMEDIATE]

German [BEGINNER]



Work Experience

XAvatar Ltd. - Software Development Intern

March 2023 - September 2023 · Ireland

- Developed and implemented a variety of C# scripts to enhance project functionality.
- Created and optimized animations for various objects and particles within the project, ensuring smooth and visually appealing transitions.
- Collaborated with team members to achieve project milestones and deliverables on schedule.
- Engaged in agile development processes, including sprint planning, daily stand-ups, and retrospectives.

Other Experience

Besides my college work I also spend time training and acquiring new skills and finished different courses on Coursera and Udemy such as “Agile, OOP, Java, ITIL”, part of my programming experience can be found on my GitHub repositories such as:

- **Handwritten Digit Recognition** – Even though this was meant to solve an already resolved problem I wanted to test my skills and improve my knowledge of creating and deploying a trained neural network model. I have successfully deployed an advanced AI model designed to accurately recognize and classify handwritten digits. This was achieved using [Python](#) programming language in conjunction with [TensorFlow](#), a leading deep learning framework. The project highlights the application of artificial intelligence in real-world scenarios, specifically in the area of pattern recognition. The model underwent extensive training and testing to ensure high accuracy and reliability.
- Actively participated in a collaborative team project known as the "**Bank System**," a comprehensive and feature-rich web application developed using a full stack of technologies. This project, intended for use by the bank's management staff, was designed to facilitate various financial operations and ensure smooth transaction handling across the organization. This included features like: Withdrawal Page, Check Account, Deposit Page, Transaction History, Account Management, Transfer Funds and others. This project not only showcased the effective use of HTML and CSS for front-end design, JavaScript for dynamic features, PHP for back-end logic, and MySQL for robust database management, but also demonstrated a practical application of banking operations in a controlled and secure environment. We worked collaboratively to ensure that all aspects of the system met the rigorous demands of a real-world banking environment, emphasizing both the technical and operational elements essential for such a system.

Honors & Awards

2nd place in “Scripte-Info”

Hobbies

Music

Movies

Video Games

Books

Sports
