

Dawid Pionk

Software Engineer

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PROFILE

- First Class Honours Software Engineering graduate from South East Technological University, with strong skills in web development, cloud computing and blockchain development.
- Numerous development projects on [GitHub](#) from personal, academic, and freelance work demonstrating skills in frontend development.
- Worked with a startup to deliver responsive pages using React and Tailwind CSS.
- Keen to contribute my skills to a new team and continue my education in this field.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python

Technologies: Docker, Kubernetes, Salesforce, AWS, Git, React.js, Node.js, NoSQL, MariaDB, MongoDB, MySQL, Django, Flask, Tailwind, Bootstrap

Skills: Full Stack Development, Cloud Development, Frontend Development, Responsive design, Machine Learning

EDUCATION

Bachelor of Science (Honours) in Software Engineering | 1.1 First Class (GPA: 4.0/4.0)

South East Technological University | Dates: September 2021 – May 2025

Relevant Modules: Cloud Data Centres (92%), Web Programming and Databases (98%), Agile Software Development (78%), Cloud Development (81%)

Project Work:

Reddit Sentiment Analyser | Flask, Vader, Python, TensorFlow, JavaScript, Bootstrap

- Built a full-stack web application to analyse and visualise sentiment trends in Reddit posts.
- Shortlisted for a Sun Life final year project award.
- Designed a reactive frontend using JavaScript and Bootstrap for the application and the showcase.
- Developed a Flask backend to serve sentiment analysis results.
- Extracted data from Reddit using Reddit API and Praw.
- Used NLTK, VADER, TensorFlow, and Hugging Face Transformers to analyse posts/comments.
- [Showcase Website](#) | [Demo Website](#) | [Video Demo](#) | [Github](#)

Machine Learning Portfolio | Python, TensorFlow, scikit-learn, NLTK, pandas, matplotlib

- Created 7+ different type of models over the course of a year.
- Includes neural network models such as LSTM and GAN.
- Focused on both supervised and unsupervised learning techniques over a one-year period.
- [Github](#)

WORK EXPERIENCE

InnoBee Innovation Management Platform | Full Stack Developer

July – Present

- Work with a startup to help deliver specifications.
- Designed and implemented APIs and backend services using Python (Flask) and MongoDB.
- Applied data-driven design principles to support decision-making and reporting.
- Built interactive dashboards with React and TypeScript.
- Collaborated in Agile sprints, using Git for version control and coordinating with developers/testers to deliver scalable features

INTERESTS & ACHIEVEMENTS

Game Development: Create arcade games using Pygame (Python), SFML (C++), Golang, 68k ASM.

Here's an example of one:

Assembly Space Shooter | 68k ASM

- Developed a 2D space shooter game using Motorola 68k assembly language, simulating graphics and game logic on the Easy68K platform.
- Designed collision detection, enemies & obstacles, healing, shooting, scoring system, and player controls entirely in low-level assembly.
- Demonstrates strong understanding of CPU registers, memory manipulation, and overall low-level programming.
- [Github](#) | [Video Demo](#)

Freelance Frontend Development: Designed and developed responsive websites for clients, ensuring functionality across desktop and mobile devices.

Here's an example of one:

Knitting Projects Portfolio | TypeScript, React, Tailwind, HTML, CSS, JavaScript

- Built a responsive portfolio using React.js and Tailwind CSS.
- Hosted the website using a custom domain.
- Made the designs using Figma and communicated with the client to change the specifications.
- [Github](#) | [Website](#)

ADDITIONAL INFORMATION

- Fluent in Polish and English
- Referees available upon request