

# Slawomir Dyk

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[LinkedIn](#) [Portfolio](#) [GitHub](#)

## Professional summary

Hello, I'm Slawomir, a versatile Front-End Developer and DevOps/Cloud Engineer based in Musselburgh, Scotland. With over five years of experience in software development — including three and a half years at Astrosat, an innovative aerospace company — I specialized in building interactive mapping applications and tools for satellite data visualization. In the past year, I have expanded my focus toward DevOps and Cloud Engineering, gaining hands-on experience with AWS, containerization (Docker, Kubernetes), and CI/CD automation (GitHub Actions, GitLab CI/CD). I am currently advancing my skills with Terraform and Ansible to build scalable and reliable cloud infrastructures. I remain passionate about front-end development, particularly crafting engaging and performant web applications. At the same time, I am actively seeking opportunities to contribute in both DevOps/Cloud Engineering and Front-End Development roles — bridging development and operations to deliver robust, automated, and user-centric solutions.

## Skills

### DevOps & Cloud

- **Containerization:** Docker, Docker Compose
- **Cloud Services:** AWS (IAM, EC2, S3, ACM, Route 53, CF, ECS)
- **CI/CD & Automation:** GitHub Actions, Bash scripting, AWS CLI
- **Linux Systems:** Ubuntu, basic shell scripting

### Frontend & Backend

- **Languages:** JavaScript, TypeScript, Node.js, HTML5, CSS3, Python
- **Frontend:** React, Redux, Next.js, Tailwind CSS, Material-UI
- **Backend & Databases:** Express.js, MongoDB, MySQL, Prisma
- **Testing & Debugging:** Cypress, Jest, React Testing Library

## Work history

### DevOps & Full-Stack Developer (Freelance & Self-Learning), 01/2024 - till now

- Built a **fully containerized full-stack application** (React, Node.js, MongoDB) deployed on **AWS EC2 & S3**.
- Created **CI/CD pipelines** with **GitHub Actions**, automating testing and deployment.
- Developed **Bash scripts** to automate infrastructure tasks on **AWS**.
- Set up **monitoring and logging** for deployed applications.

### Front End Software Developer, 03/2020 - 06/2023

#### Astrosat Ltd - Musselburgh, East Lothian

- Contributed to the development of **ORBIS**, a satellite data visualization platform that integrates complex datasets with interactive map and dashboard visualizations.
- Designed, developed, and maintained the application's front end using **React**, **JavaScript**, and **TypeScript**.
- Implemented **end-to-end testing** and ensured high application reliability using **TDD** and **Cypress**.
- Contributed to the development of an **internal component library** using **Material-UI** to standardize UI components.

- Collaborated with business and design teams to define requirements and build tailored solutions.
- Focused on **UI testing** and performance optimization to enhance user experience.
- Worked in a multi-environment deployment pipeline (Testing, Staging, Production), collaborating with DevOps engineers to ensure smooth releases.
- Tested and debugged applications in different environments before production deployment.

## CodeClan and Self-Taught Software Developer 11/2018 - 02/2022

**CodeClan** Edinburgh

Completed intensive **Software Development** training at CodeClan Academy, focusing on full-stack development, front-end technologies, and industry best practices.

- **Restaurant Booking System** (Full-stack Java app with Spring, PostgreSQL, React).
- **Slainte – Beers Tracking Application** (Full-stack JavaScript app with Node.js, Express, REST API, Webpack, MongoDB).
- **Animal Shelter App** (Solo project: Full-stack Ruby app with Sinatra, HTML/CSS, REST, MVC, PostgreSQL).

## Electronics Production Specialist, 11/2007 - 10/2018

**Zot Engineering Ltd** - Musselburgh

**Process Engineer** 01/2016 - 02/2022

- Led final finishing of PCB circuits, ensuring quality and adherence to specifications.
- Utilized root cause analysis techniques to investigate and resolve PCB defects and failures
- Established maintenance regimes for process equipment, minimizing downtime and extending machinery life
- Provided training and support to manufacturing staff on new processes and equipment operation.

## Electronic Technician 11/2007 - 12/2015

- Performed advanced machine maintenance to ensure optimal production quality
- Diagnosing and repairing faults and performing tests.
- Following technical manuals to ensure correct operation of systems.

DevOps & Cloud Projects (Portfolio available at: [Portfolio](#))

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- **DevOps Portfolio – Automated Deployment on AWS** - Deployed a personal portfolio website using **AWS - S3, ACM, Route 53, CF, SES, Lambda** and **GitHub Actions** for CI/CD.
  - **Full-stack MERN App** - Designed a multi-container **Docker** environment for a full-stack application (React, Node.js, MongoDB) using **Docker Compose**.
  - **Goals App** - Currently developing and deploying a full-stack web application with a React frontend and Node.js backend using **Docker containers on AWS ECS**, integrated with **MongoDB Atlas**, and optimized for scalability and high availability with an Application **Load Balancer**.
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## Education

- **AWS Solutions Architect – Associate (in progress)**
- **CodeClan Digital Skills Academy – Edinburgh 10/ 2018 - 03/2019**  
Professional Development SCQF Level 8: Software Development
- **Home Learning College – Edinburgh**  
CIW Web Foundations Associate Certification (Internet Business, Site Development, **Network Tech**,)
- **University of Life Sciences – Lublin, Poland 09/1997 - 06/2002**  
Master of Science in Food Industry Machines
- **Electronic Technology Secondary School – Lublin, Poland 09/1992 - 06/1997**  
Electronic Technician

## Additional Information

- **Languages:** Fluent in English and Polish
- **Passion for learning:** Regularly self-study new technologies and participate in online courses to expand my skill set in software development.

