Slawomir Dyk

Musselburgh, EH21 8BJ • 07562760261• slawomirdyk@gmail.com
LinkedIn Portfolio **GitHub**

Professional summary

Experienced Front-End Developer transitioning into Cloud Engineering, with a strong focus on cloud infrastructure, automation, and scalable solutions. Skilled in managing and deploying cloud resources using AWS services (EC2, S3, Lambda, ECS, Route 53, ACM) and automating workflows with CI/CD pipelines. Proficient in containerization (Docker), infrastructure as code (IaC) with AWS CLI, and building reliable, efficient cloud environments. Passionate about optimizing cloud architecture for performance and cost-efficiency. Continuously expanding expertise in serverless technologies, Kubernetes, and cloud-native tools to deliver high-quality, scalable solutions in the cloud.

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), 0**1**/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](#))

- **DevOps Portfolio – Automated Deployment on AWS** - Deployed a personal portfolio website using **AWS - S3, ACM, Route 53, CF 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**.

Education

- **AWS Certified Developer – 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.