

# Slawomir Dyk

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

## Professional summary

**Experienced Front-End Developer specializing in React and TypeScript, with expertise in satellite data visualization for mapping applications.** I bring a proven track record of improving software interfaces and optimizing application performance to deliver seamless user experiences. Passionate about staying on the cutting edge of technology, I thrive on learning new tools and frameworks, constantly refining my skills to create innovative and efficient solutions.

## Skills

- **Languages:** JavaScript, TypeScript, HTML5, CSS3 (Responsive Layout), Node.js
- **Frameworks & Libraries:** React, Redux, React Query, Next.js, Gatsby, Material-UI, Tailwind CSS, Daisy-UI, Headless-UI
- **Tools & Technologies:** Git, GitHub, Jira, Cypress, Jest, Vitest, React Testing Library, Storybook, Cucumber (Gherkin Syntax), Mock Service Worker, Deck.GL, Victory, Auth0, Linux (Ubuntu), AWS (S3)
- **Agile Methodology:** Experience working in agile teams with collaborative tools and processes
- **Databases & ORMs:** MySQL, Prisma, MongoDB
- **Software Testing:** End-to-End testing, Unit testing, TDD

## Work history

**Electronic Technician**, 09/2023 - 10/2024

**Zot Engineering Ltd** – Musselburgh

- Set up, maintain, calibrate and repair electronic and electro-mechanical systems.
- Diagnosing and repairing faults and performing tests.
- Following technical manuals to ensure correct operation of systems.
- Maintain service and calibration records.

**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.

**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.
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## Education

### **CodeClan Digital Skills Academy – Edinburgh**

*October 2018 – March 2019*

Professional Development SCQF Level 8: **Software Development**

### **University of Life Sciences – Lublin, Poland**

*September 1997 – June 2002*

Master of Science in **Food Industry Machines**

### **Electronic Technology Secondary School – Lublin, Poland**

*September 1992 – June 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.