



# Lukasz Zatyka

Software Engineer



## PROFILE

Innovative web developer with over 5 years of experience in designing and implementing user-friendly web interfaces for monitoring platforms and product booking systems. Skilled in developing reusable UI components and integrating system functionalities. Currently expanding expertise in data science and AI, with a strong interest in sustainable technology solutions. Passionate about leveraging AI-driven tools to enhance web development and exploring machine learning applications for a more efficient and responsible digital future.

## CONTACT

- Warsaw, Poland
- +48 501 923 540
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- aigreener.com

## LANGUAGES

- Polish: Native language
- English: Advanced (B2/C1)
- Ukrainian: Elementary (A1)



## EXPERIENCE



AI Greener

### Project Developer / Freelancer

05/ 2021 - Present

#### Notable Projects:

[nubinnoconnect.com](https://nubinnoconnect.com): A startup in the pharma domain focused on data exchange for medical products. Key responsibilities:

- Refactoring the user interface, including: Responsive Web Design (RWD) layout, Loaders & performance optimizations, Internationalization (i18n) & Accessibility (a11y). DOM structure cleanup, Design system optimization
- Developing an advanced search view for a table with ~30 column filters

Tech Stack: Next.js, TypeScript, Redux Toolkit, Nest.js, PostgreSQL (TypeORM), Redis, shadcn/ui, react-hook-form, Yup

[fugu-sushi.pl](https://fugu-sushi.pl): A sushi restaurant with a web application that allows for online reservations and delivery orders. Key responsibilities:

- Coordinating the implementation of the web application with an online ordering system
- Automating processes and building databases using Make.com
- Optimizing SEO for top search engine rankings

Tech Stack: Airtable, Make.com, Google Search Console, UpMenu CMS, WordPress



CodiLime Sp. z o.o.

2 years 10 months

### Frontend Engineer

05/ 2021 - 03/2024

#### Notable Projects:

[selector.ai](https://selector.ai): Developed a UI portal for monitoring and visualizing data, creating an intuitive interface for managing network and cloud infrastructure. [Case Study](#)

Key responsibilities:

- Implementing a Donut Chart widget with tooltips
- Developing a Big Text widget
- Creating a toast notification engine
- Implementing a long-press feature (context menu quick view)
- Adding search functionality within widgets, including scroll-to-item
- Integrating FullStory for user session analysis

Tech Stack: React, MobX, Ant Design, TypeScript, Highcharts, NestJS, MongoDB, TypeORM

[fluxninja.com](https://fluxninja.com): A startup project built from scratch with close collaboration with the client. The goal is to create an innovative product for Site Reliability Engineers (SREs), focusing on disaster prevention and recovery in Kubernetes (K8s) cloud environments. [Case Study](#)

Key responsibilities:

- Developing sign-in & sign-up views, including:
  - Password reset flow with email verification codes
  - Registration & Welcome Back pages
- Maintaining and expanding design system components in Storybook
- Building UI for management panels, including:
  - Navigation components (menus, lists, tabs – vertical/horizontal, sidebar, routing)
  - UI elements like tooltips and breadcrumbs
- Developing a user role management interface, covering:
  - Ownership & membership settings
  - User invitations & removals
  - Organization switching
- Creating a company landing page (Next.js) + discussion forum (Discourse)

Tech Stack: Material UI, React, TypeScript, Vite, GraphQL, Storybook, react-query, Recoil

## TECH SKILLS

### Programming languages:

- JavaScript / Typescript
- CSS Modules / CSS in JS
- Python

### IDE Platforms:

- VS Code / JetBrains / Cursor AI

### Databases:

- MySQL, PostgreSQL, SQLite
- Hasura (GraphQL backend),  
RethingDB, MongoDB

### Miscellaneous:

- SEO / SEM / a11y / i18n
- Progressive Web Apps (PWA)
- Responsive Web Design (RWD)
- Atlassian (Jira, Confluence) /  
Github Projects / Microsoft 365 /  
ClickUp / Asana / Notion



**Reall Sp. z o.o.**

6 months

### Frontend Developer / UX Designer

04 - 09/ 2019

- Collaborated within an agile team as part of the Google for Startups program to develop a web app aimed at improving the quality of life for elderly users.
- Designed user-friendly mockups and prototypes to address user needs.
- Developed responsive and reusable layouts using the Vue.js framework.
- Supported company operations and planning contributing to strategic decision-making.

Tech Stack: Vue.js · NoSQL · Bootstrap · SCSS · Git · Adobe · ClickUp



**PKP Informatyka Sp. z o.o.**

1 year 5 months

### Senior Web Developer

01/ 2020 - 05/2021

- Developed a new version of the [bilkom.pl](https://bilkom.pl) web application.
- Collaborated with the UX team to improve user experience, especially for multi-ticket booking workflows. [Sample Showcase](#)
- Built modular and reusable frontend components using React.js, integrating MaterialUI for a consistent design system and optimized performance to improve load times by ~ 20%.

Tech Stack: React.js · Redux · MaterialUI · CSS in JS · Git · Figma · Adobe · Atlassian



**CRI Poland Sp. z o.o.**

1 year 5 months

### Solution Owner

10/ 2017 - 03/2019

- Led a digital transformation process, completely overhauling tools and devices based on cloud solutions for the management department to enhance efficiency and streamline operations.
- Managed and supported the ERP Comarch Optima system.
- Managed the company's database server.
- Handled GDPR-related documents and implementation.



**Travel Agency**

8 years 5 months

### CoOwner/ Project Developer

01/ 2009 - 05/ 2017

- Managed sales and digital growth, including dealing with service providers and setting up the office.
- Designed and led projects for [www.najlepszewakacje.pl](https://www.najlepszewakacje.pl) and [www.pogotowieurlopowe.pl](https://www.pogotowieurlopowe.pl), focusing on user experience and website coding.
- Created effective email newsletters using HTML/CSS and design software.
- Ran marketing campaigns using SEM, AdWords, GDN, and Facebook Ads.
- Designed various graphics like logos, banners, and landing pages.

HOBBIES

- Long-distance runs
- Adventure books
- Surfing
- Basketball
- Formula 1

ADDITIONAL INFO

- Driving licence



EDUCATION



2024 - Present

Polish-Japanese Academy of Information Technology  
Postgraduate Studies (Python - Artificial Intelligence Programming)



2004-2008

Warsaw University of Technology  
Bachelor of Science in Engineering (Mechanics and Machine Design)



COURSES AND CERTIFICATES



[AgilePM® \(2014\) Foundation](#)  
APMG International



Digital Garage  
Google LLC



The 7 Habits of Highly Effective  
People - Franklin Covey PL



The Guide To PRINCE2  
Metodea



Neuro-Linguistic Programming Tech  
Institute of Neurolinguistics



Web Services API - stepByStep  
Udemy e-learning platform



The Make Intermediate Qualification  
Make.com Academy



Kanban for Design and Innovation  
Kanban University



[JavaScript Pro: Advanced Concepts](#)  
Udemy e-learning platform



[TanStack Query: React Server State Management](#)  
Udemy e-learning platform



[Artificial Intelligence Fundamentals](#)  
IBM SkillsBuild



[Working in a Digital World: Professional Skill](#)  
IBM SkillsBuild



[Data Fundamentals](#)  
IBM SkillsBuild



PROJECTS

[AIGreener.com](#) – AI & Web Innovation Hub

My personal platform dedicated to sharing knowledge on modern web technologies and AI-driven solutions. It serves as a space where I document my journey, including insights from my postgraduate studies in Artificial Intelligence Programming.

Notable Projects:

- Object Detection App (TensorFlow.js, React, TypeScript) – Real-time detection using AI models
- Pose Detection App (TensorFlow.js, React) – Gesture-based recognition system
- Playground AI Sample (OpenAI, Shadcn UI, React, Radix UI) – A customizable AI-powered interface for experimentation

Future Plans:

- Expanding AI-related content, focusing on machine learning applications in frontend development
- Integrating RAG (Retrieval-Augmented Generation) for AI-enhanced search experiences
- Experimenting with LLMs (Large Language Models) in web applications
- Exploring the intersection of AI, automation, and sustainable software development