Pawel Forynski

Senior full-stack JavaScript Engineer with UI/UX

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🕐 UTC-05:00 (ET): 3:00 a.m. - 4:00 p.m.
UTC+00:00 (GMT): 7:00 a.m. - 9:00 p.m.

Summary

As a seasoned Front-End Developer with over a decade of professional experience, I have amassed an extensive background in both coding and design. My comprehensive understanding of all product lifecycle stages ranges from initial project setup, through deployment, development and bug-fixing, to the maintenance of legacy code with technical debt. This experience has been gleaned from an array of work environments, including small in-house teams and expansive distributed teams spread across numerous countries worldwide.

My technical proficiency spans a wide array of front-end technologies, and I am adept at designing and programming user-friendly interfaces. My primary area of focus is JavaScript/React applications, although I also have considerable experience in UX design, UI development, back-end systems, and server-side/server-less technologies. My effective communication skills enable me to work directly with clients and liaise seamlessly with business teams.

An inclusive work culture and fast-paced, innovative environments are key drivers in my pursuit of excellence. The opportunity to closely collaborate with leading professionals in the industry continuously inspires and motivates me.

With a demonstrated history of contributing to the success of over a hundred local and remote projects, I am confident in my ability to add substantial value to any team. I leverage my design background and long-standing experience in custom CSS writing to create interfaces that strike a balance between performance and aesthetics.

My commitment to continuous learning and adaptation has shaped my professional journey. Embracing new challenges and opportunities for growth is integral to my work ethos.

Solving complex problems with simple, effective solutions has always been a strength. A former colleague once remarked, "you solved the impossible" - a testament to my problem-solving abilities. An engaging ice-breaker could be, "Ask me how I managed to save a company tens of thousands of dollars with one simple trick."

When I am not engaged in professional pursuits, I follow my passion for home automation and self-hosting devices, deepening my technical knowledge even more.

Experience

Senior User Interface Developer
Clevertech
Jan 2022 - Present (1 year 7 months)
• SSO accounts and user engagement drive application for a leading news site based in New York, employing technologies such as CRA SPA, MUI, NodeJS, AWS Lambda, Auth0, SSO, Figma, RTL, Cypress, Web3, ERC20, Polygon.

During the project's most active phase, we saw a 600% growth in user engagement within just three days (from 1 million to 7 million user actions), resulting in 30,000 active registrations. Two months later,

the project has surpassed 40 million actions with over 200,000 users. By analyzing core site traffic it has become apparent that our team achieved self-sustainability in terms of equivalent ad spending required to generate such user engagement. Initially planned support for the application was for roughly six months, but due to our team's exceptional performance, the budget was extended for an additional year.

• Hosting services management full-stack app: NestJS, TypeScript, ViteJS, React, RXjs, OpenSRS, Figma, UI/UX design

Senior Frontend Engineer
deepsense.ai
Apr 2021 - Present (2 years 4 months)
• For a US-based client and direct cooperation with a core team in California: maintenance & new features for enterprise scale resources monitoring application with highly abstracted, custom built generative framework: React / Hooks + Redux / Saga + Webpack / private npm packages + Typescript + RamdaJS / functional programming + Styled Components + MaterialUI + Invision / Storybook + JIRA

• Cloud infrastructure management app for appliance manufacturer: CRA + MUI + Docker + FastAPI + Python + GCP + Oauth

• Multiple Frontend wrappers for Machine Learning backend: React + MUI + NextJS + SSR + React Query + SWR + TypeScript + Python + FastAPI + Docker + HighCharts + ApexCharts + ReCharts

Senior Software Engineer
Cybercom Group
May 2019 - Apr 2021 (2 years)
• For the world's largest company in the industry - ecommerce app rewrite with React/Hooks + GraphQL middleware + quasi Micro Frontends + CSSinJS (Emotion) + A11Y + I18N / L10N + Jest/Testing Library + Github Actions / AWS CI/CD, keeping minimal dependencies, prioritisation of code quality and cleanliness, main responsibility: maintaining shared npm package of reusable components

• Ecommerce React 15 app bugfixing and maintenance (minimal Redux, Express & AWS exposure)

• For a global services & management company: CRUD-like Angular 6/7+ mono-repo sub-project with Material Design, Bootstrap 4, UI/UX design, Zeplin, SonarQube

• PoC cloud-hosted home automation application: AWS IoT Greengrass + MQTT + EBS + CloudFormation / Home Assistant + Python

Frontend Developer
SuperControl Property Management System
Aug 2016 - Apr 2019 (2 years 9 months)
Responsibility of developing AngularJS/Angular 2+ applications and components. Drawing from my robust design background, I efficiently managed processes from initial UI/UX design to the final product, maintaining a continuous feedback loop. I collaborated closely with business teams to understand their needs and partnered with back-end developers to craft efficient solutions.

Key projects:

• Web-embeddable Calendar Widget: Designed and implemented a client-customizable calendar widget from scratch using AngularJS and MomentJS. The widget featured advanced CSS responsiveness, fluid Material Design-inspired animations, excellent cross-browser compatibility and user accessibility.

• Hybrid App: Leveraged the official migration tool to incorporate Angular2+ based modules into legacy pages, mirroring AngularJS functionality. This approach blended static content from the old codebase with modern Angular-powered components, which significantly expanded the possibilities of utilizing the most modern JavaScript patterns within our application. The most notable implementation of this feature was a communication dashboard with site-wide sidebar and support widget.

• Dynamic User Interface Module: Developed a generative, "reactive" web forms framework using AngularJS and UI-Bootstrap. This API-driven application created whole interfaces and server communications based on initial API data. Its features include easy creation of pages, advanced input fields, hierarchical container elements, custom calls, multilingual support, front-end validations, and more. This framework was designed with high reusability in mind.

User Interface Designer
SuperControl Property Management System
Aug 2015 - Apr 2019 (3 years 9 months)
As part of an international team, I managed the UI development of a large-scale, high-traffic application. My role involved end-to-end design process, from initial sketches to coding, incorporating graphic design and prototyping. I developed user-facing features, sought the most efficient tools, and ensured the creation of user-friendly, mobile-first interfaces. Additionally, I maintained development guidelines, and identified and resolved usability issues.

Key projects:

• Booking Cart: Developed an AngularJS & jQuery-based checkout screen. This application incorporated advanced forms, validations, and translations. It offered seamless UX, leading to improved conversion rates. The app integrated numerous internal & external APIs such as PCA Predict, Google Maps, and verification systems for credit cards, email, and phone numbers.

• JS & CSS Assets Reorganization: Undertook a comprehensive refactoring of CSS and JS for the entire legacy application. I replaced multiple outdated libraries with jQuery, organized stylesheets with LESS, and incorporated UI build process. This effort centralized scattered assets, improving the team's efficiency in app development.

Freelance Developer & Designer
Interfaces, PF
Jan 2009 - Apr 2019 (10 years 4 months)
Consulting, UI/UX design, front-end development.

Software Engineer
Mobica
Dec 2014 - Jul 2015 (8 months)

In my former role, I was an integral member of a team tasked with designing, documenting, and implementing software solutions. I contributed to estimating the size, scope, and effort needed for various projects. I utilized Linux terminal for environment configuration and deployment and gained exposure to web servers, source control, and build tools. Additionally, I participated in testing, code analysis for bugs and performance optimization, and adopted an agile software development methodology.

Key projects:

• Intranet App UI: Developed a jQuery-based front-end layer for an intranet inventory application leveraging a RESTful API.
• Embedded App Maintenance: Responsible for maintaining an embedded infotainment application, utilizing Qt/QML and JavaScript.

Web Developer
Agencja Poligraficzno-Reklamowa RUBYCON s.c.
Aug 2014 - Jul 2015 (1 year)
In my previous role, I specialized in Web Design, Web Development, and WordPress, with a focus on creating custom WordPress plugins and themes. My work involved comprehensive web design and server management. I consistently broadened my technical skills, prioritizing adherence to standards, loading speed optimization, error elimination, and seamless transitions and animations. I put emphasis on enhancing user experience, ensuring cross-browser compatibility, and enriching functionalities with jQuery and JavaScript. Other areas of focus included implementing modern solutions such as CDN, compression, caching while creating search-friendly, responsive websites with proven tools and creative processes.

Key projects:

• 3D Web Showcase: Developed a web page using Three.js to display 3D items I created and exported from SketchUp software. This project showcased different light sources, toggleable layers, and a skybox with fog effects for improved immersion.

Web Developer
Finaltech R.Chodera Spółka Jawna
Feb 2013 - May 2015 (2 years 4 months)
In this role, I specialized in the creation and modification of web pages and online stores, primarily utilizing WordPress and PrestaShop platforms. I also worked with existing systems, such as Joomla, providing administration and technical support. My responsibilities extended to addressing server issues, managing SQL databases, FTP directories, domains, and general hosting. Moreover, I developed custom applications to enhance productivity and user experience, such as helpdesk systems, calendars, and online booking systems.

Web Designer
Promedia Design
Aug 2012 - Sep 2014 (2 years 2 months)
I specialized in graphic and web design, creating various promotional materials including business cards, flyers, posters, signs, and logos, along with DTP and 3D graphics. I met with clients to discuss

requirements and costs, and developed WordPress and e-commerce websites within set deadlines. I managed servers, databases, and domains, and performed configuration, technical care, and administration tasks.

Key project:

• Complex Web Portal: A significant achievement in my career was the creation of an extensive web portal for the transport industry using WordPress. This community website featured a wide range of components, including news articles, forums, expert advice, Q&A section, marketplace, company directory, auction announcements, imageboard, blog, user chat, and widgets for weather forecasts, fuel prices, traffic bans, and more. It also included an advanced search engine, advertising module, newsletter management, user registration, and industry-specific calculators.

Education

Uniwersytet Kazimierza Wielkiego
Bachelor of Science in Engineering, Computer Science
2012 - 2016

Skills

ReactJS • NodeJS • TypeScript • JavaScript • HTML • CSS • Front-end Development • User Interface Design • Web Design • Graphic Design • User Experience Design • Web Development • jQuery • Angular • NextJS