



KAMIL NOWAK

PORTFOLIO

nowakkamil.com

Cinematic, scroll-driven 3D experience combining real-time graphics, responsive interaction and performance-focused engineering.

TypeScript · Three.js · GSAP · WebGL · GLSL

CONTACT

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EDUCATION

AGH UNIVERSITY OF KRAKOW

MEng, Computer Science

Feb 2020 - Jul 2021

Thesis: Real-time groupware synchronization application

CRACOW UNIVERSITY OF TECHNOLOGY

BEng, Computer Science

Oct 2016 - Jan 2020

Thesis: A web-based groupware application that provides a knowledge management solution

CERTIFICATION

CAMBRIDGE ENGLISH

C1 ADVANCED

Score 192 · 2021

SKILLS

FRONT END

React · TypeScript · JavaScript
Vite · Tailwind CSS · Material UI
Three.js · GSAP · SCSS

BACK END

C# · .NET · ASP.NET Core
REST APIs · SQL Server · T-SQL

CLOUD & DEVOPS

Azure · Azure DevOps · CI/CD
Terraform · Cloudflare

TESTING

Cypress · xUnit · MSTest
NUnit · WireMock · SpecFlow

EXPERIENCE

Senior Full-Stack Developer — Endava

Jan 2023 – Mar 2026

- Built the React architecture and API integration for InTouch from scratch, simplifying implementation and mentoring two junior front-end developers.
- Led front-end development for TAIA, modernising the inherited React architecture, resolving major issues and improving performance. Coordinated delivery and mentored a junior developer.
- Delivered business functionality for ShareOwner Online, introduced Cypress component testing, integrated an updated design system and established MkDocs-based developer documentation.
- Developed reusable components for an internal Material UI-based design system, improving consistency across multiple products.

Technologies: React · TypeScript · Vite · Tailwind CSS · Material UI · C#/.NET · Azure · Terraform · Cypress · xUnit · WireMock

Full-Stack Developer — Endava

Oct 2021 – Dec 2022

- Developed Equiniti Help & Support, a React SPA for UK customers, and contributed to Equiniti.com backend development using Umbraco 7, ASP.NET MVC and C#/.NET.
- Built a .NET REST API gateway for a non-RESTful knowledge-management service, with Swagger, xUnit and WireMock tests.
- Created Azure DevOps CI/CD pipelines and supported environment-specific Azure App Service configuration and deployment slots.
- Established Cypress end-to-end testing from the ground up, building coverage for key user flows, and added New Relic backend logging and synthetic monitoring.

Technologies: React · JavaScript · C#/.NET · ASP.NET MVC · Umbraco 7 · Azure · Azure DevOps · Cypress · WireMock · xUnit · Swagger · New Relic · Sass/SCSS

Software Engineer — StoneX Group

Jul 2019 – Sep 2021

- Developed client-facing applications and internal APIs supporting customer acquisition, onboarding and servicing workflows.
- Built RESTful services using C#, ASP.NET Core MVC and ASP.NET MVC alongside HTML, CSS, JavaScript and T-SQL.
- Developed automated unit and integration tests using MSTest, NUnit, FluentAssertions, SpecFlow and WireMock, supported by TeamCity CI.

Technologies: C# · ASP.NET Core MVC · ASP.NET MVC · JavaScript · T-SQL · ActiveMQ · MSTest · NUnit · FluentAssertions · SpecFlow · TeamCity

Junior C#/.NET Developer — ABB

Oct 2018 – Jun 2019

- Developed and maintained an internal group-level web portal using C#, ASP.NET Core MVC and Angular.
- Delivered full-stack functionality with JavaScript, SCSS, Entity Framework Core and SQL Server for CYNK, an internal newsletter platform.

Software Development Intern — Motorola Solutions

Jul 2018 – Sep 2018

- Helped develop and maintain a Key Variable Loader application using C#/.NET, Xamarin, MvvmCross, Android and SQLite, including cryptography and security-related functionality.
- Added unit and acceptance tests with MSTest and SpecFlow and supported Jenkins-based CI.