

Grzegorz Gralak

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Dublin based Senior Software Developer with 19 years of full-stack professional experience, specializing in front-end development. Over the last 7 years, I have focused on building scalable, high-performance applications using React and modern JavaScript/TypeScript ecosystems, growing & mentoring teams, and driving architectural decisions.

Experience

Note: At the beginning of 2023, I paused my career to focus on raising my children. Even though I stepped back from professional work, I've kept busy with coding - experimenting with new ideas and following developments in React and front-end tech to stay ready for jumping back into day-to-day development.

Arconics/Viasat (Dublin, Ireland)

Feb 2016 - Jun 2017 & Feb 2018 - Jan 2023

Senior Full Stack Software Developer (Contract)

Joined a small team at Arconics to build a complex browser-based documentation tool for airlines under tight deadlines. Left for 9 months to work at Lombard, then returned to Arconics (which became Viasat) to keep delivering new features, maintaining the product, and mentoring junior developers as the team grew.

Role Highlights:

- Built new features with modern ReactJS and TypeScript, focusing on performance and maintainability.
- Led front-end architecture decisions to support a complex, browser-based editor.
- Set up and maintained Webpack-based build pipeline integrated with Jenkins CI/CD.
- Delivered key features including a role-based dashboard and in-browser editor's dynamic content loading (improved core web vitals from lighthouse audit).
- Introduced Storybook and Cypress to standardize component development and integration testing.
- Mentored junior developers, supporting their onboarding and guiding them on best practices and code quality.

Technologies: *typescript, reactjs, redux, redux-thunk, context api, axios, webpack, jasmine, jest, storybook, cypress, eslint/prettier, sass (scss), material ui, babel, nodejs, npm, java, kotlin, groovy, junit/ats, springboot, hibernate, mysql, flyway, docker, jenkins, sonarqube, gradle, git, jira, agile*

Lombard (Bank of Ireland) (Dublin, Ireland)

Jun 2017 – Feb 2018

Tech Lead, Senior Full Stack Software Developer (Contract)

Joined to enhance the team's front-end skills following a collaboration with an outside consultancy, with a focus on coaching team members. Supported, extended, and implemented new features for a newly launched loan quoting system for car dealers. Later, I was responsible for the front-end development of a responsive platform for the sales team.

Role Highlights:

- Maintained and enhanced the initial loan quoting system with new feature development.
- Utilized AngularJS for front-end development and Java, Dropwizard, and iBatis on the back-end.
- Implemented a responsive/mobile platform for the sales team using a similar architecture.
- Part of the agile team, involved in gathering and refining requirements.

Technologies: *javascript, angularjs, grunt, jasmine, sass/scss, java, junit/mockito, dropwizard, ibatis, mysql, gradle, git, jira, agile*

Brandtone (Dublin, Ireland)**Sep 2013 - Jan 2016**

Senior Full Stack Software Developer (Contract)

Joined an established team at Brandtone to contribute to full-stack development and implement new features for their marketing platform. Later led the development of a new marketing progress tracking platform and introduced AngularJS to the company.

Role Highlights:

- Joined the team building an internal Operations Portal, helping design and implement features through agile, iterative development.
- Led front-end and back-end development of Konnect Platform, a client-facing marketing campaign tracker.
- Mentored junior developers and provided hands-on technical guidance.
- Built Rewarding and SMS Connector features, integrating third-party providers via REST APIs using the Spring Stack.

Technologies: *javascript, angularjs, vanilla js, grunt/gulp, less, java, junit/mockito, spring, hibernate, oracle, maven, tomcat, git, jira, jenkins, agile*

AEGON Ireland (Dublin, Ireland)**Aug 2012 - Jul 2013**

Senior Back-End Software Developer (Contract)

Worked in an agile team to design and implement new features for Aegon Ireland's internal pension tracking system. Focused on back-end development using Java and Hibernate.

Technologies: *java, junit/mockito, spring, ejb, hibernate, informix, maven, jboss, svn, jira, agile*

AIB (Dublin, Ireland)**Mar 2012 - Aug - 2012**

Senior Full Stack Software Developer (Contract)

Worked as part of a team developing a new mortgage system, responsible for implementing full-stack features using the Spring stack, following functional specifications.

Technologies: *java, junit, spring, ibatis, db2, maven, jquery, spring mvc, svn, jira*

Kainos (Dublin, Ireland)**Aug 2011 - Feb - 2012**

Senior Full Stack Software Developer (Contract)

Worked on a new version of an insurance quotation system, responsible for delivering both back-end and front-end features in line with functional specifications.

Technologies: *javascript, extjs, java, junit, ibatis, oracle, maven, git, jira, agile*

Arvato Finance (Dublin, Ireland)**Mar 2011 - Aug 2011**

Senior Software Consultant (contract)

Brought in to finalize development of an internal Collecting System using a custom vanilla JavaScript framework. Responsible for implementing missing features and working closely with QA to support the release.

Technologies: *javascript, vanilla js, java, spring, hibernate, ant, svn*

Norkom Technologies (Dublin, Ireland)

Jul 2007 - Feb 2011

Software Developer

Developed Customer Due Diligence module and contributed to the core Scenario Manager, focused on transaction processing in a multi-threaded environment. Implemented JTA integration, rollback mechanisms, and real-time monitoring features.

Technologies: *java, spring/ejb, hibernate, javascript, struts, java swing, jboss, ant, oracle, maven, svn*

IBM Software Lab (Dublin, Ireland)

Jul 2006 - Jun 2007

Software Developer

Part of a team integrating Workplace Forms technology with IBM Web Portal, contributing to front-end and integration work within a large-scale enterprise environment.

Technologies: *Workplace Forms, Portlets, Web Services (Axis), DB2*

PB Polsoft (Poznan, Poland)

Dec 2005 - May 2006

Software Developer

Worked on the development of an internal Workflow Engine built from the ground up with multi-threaded processing. Also designed and implemented a custom Document Management System.

Technologies: *java, ejb, xforms, jackrabbit (jcr), hibernate, oracle, jboss, ant, svn*

Supercomputing and Networking Center (Poznan, Poland)

Oct 2004 - Nov 2005

Software Developer

Designed, developed, and supported a web-based ticketing system for the Performance Enhancement and Response Teams of the GÉANT2 European research network.

Technologies: *java, junit, javascript, struts, hibernate, postgresql, tomcat, ant, svn*

ComArch (Wroclaw, Poland)

Jan 2004 - Sep 2004

Junior Software Developer

Involved in building a telecom web portal, handling JSF and XSLT integration alongside implementing functional components to meet business requirements.

Technologies: *java, ejb, JavaServer Faces, xslt, jboss, ant, cvs.*

Education

2000 – 2005	Poznan University of Technology (M.Sc. in Computer Science), Poland
1995 – 1999	Kazimierz Wielki High School, Poland

Additional:

- I'm a self starter,
- Passionate about technology,
- Enjoy being part of a team but can work independently as well.