



Nick Ooms

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Summary

- ☒ Senior
- ☒ Full-Stack
- ☒ JavaScript
- ☒ TypeScript
- ☒ React

-  Node.js
-  WebGL

Started developing with Borland Turbo Pascal and later some x86 Assembly on a 4.77Mhz IBM PC some 25 years ago. Executed my first XMLHttpRequest (Currently) back in 1999 on IE5 and was immediately hooked on the freedom and dynamic nature of JavaScript.

In the following years I developed a (now known as SPA or Single Page Application) framework based on a self-developed XML dialect for defining fully functional, resizable pixel perfect copies of Windows 7 (Windows XP at first with all 3 color themes, followed by office 2003, and later adopted Vista and the Aero look).

I simply love Javascript and have been using it on front & back-end (Aptana Jaxer followed by Node.js) for well over 15 years.

Contact Info

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R&D

ITEA LASCOT

Large Scale Collaborative Decision Support Technology

Crisis management R&D project for [ITEA](#), for which I created a CEP (Complex Event Processing) engine.

IWT SERKET

SEcurisappon KEEps Threats

R&D project using computer vision based on CCTV camera video for IWT (Instituut voor Innovatie door Wetenschap en Technologie vlaanderen).

GENESIS FP7

European Commission [FP7](#) R&D Project, for which I developed a semantic modelling framework (Buddata Studio) that can generate a geospatial database (MySQL & PostgreSQL), WebService layer (SOAP , REST WFS 1.1 - 2.0) and front-end SPA based on XSD schemas of [INSPIRE](#) standards.

Languages

Language	Level
Dutch	Mother Tongue

Language	Level
English	Fluent
French	Intermediate

Skills

Development Languages

- JavaScript
 - TypeScript
 - ES3
 - ES5
 - ES6, ES7, ES8
- Python
- C#
 - .NET Framework 1.0 - 4.6
- VB
 - 6.0 - .NET Framework 2.0
- C
 - C
 - C++
- Java
 - Java SE 6
 - Java SE7
- PASCAL
 - Borland Turbo Pascal
- HTML
 - HTML4
 - HTML5
 - DOM
 - Canvas
- CSS
 - CSS
 - CSS3
 - Sass
 - SCSS
- XML
 - XSD
 - XSLT
 - XQuery
 - DOM
 - SOAP
- SQL
 - ANSI SQL 92 - 2011
- Assembly

- x86
- asm.js
- WebAssembly
- GL
 - OpenGL
 - WebGL
 - GLSL
- BPMN
 - BPMN 2.0
 - BPEL

Frameworks & Technologies

- Apollo GraphQL
- Docker
- Apollo GraphQL
- JQuery, JQuery UI, ExtJS, Bootstrap
- AngularJS, Angular 2
- React, Flux, Redux, React Router,

Databases & Tools

- Neo4J, Structr
- MongoDB, MongooseJS
- MySQL, GEOSpatial extensions
- PostgreSQL PostGIS,
- SQL Server, Oracle PLSQL

Operating Systems

- MSDOS
- Windows 3.10 - Windows 10
- Linux, Debian, Fedora, Deepin Linux, Ubuntu, Android
- Mac OS X, iOS

Experience

Porphyrio [09/2019 - 11/2019]

- React
- TypeScript
- Node.js

ChatLayer [04/2019 - 06/2019]

- React
- Node.js
- Docker

Neanex [02/2018 - 02/2019]

Robovision 3D labeller

- WebGL
- ThreeJS
- Vue
- Node.js

Neanex

- WebGL
- Node.js
- Neo4j
- Structr
- React
- Apollo GraphQL

SlickSS [03/2017 - 08/2017]

SlickSS

- Docker
- CoffeScript
- ExtJS

Freelance & Open Source Projects [04/2015 - 02/2016]

Freelance & Open Source

- ReactJS
- AngularJS
- JavaScript
- Webpack
- RollupJS
- WebGL
- WebAudio

4C / Cronos [11/1998 - 03/2015]

AGIV

- OpenLayers
- Node.js
- JavaScript
- CSS
- HTML5
- XML
- JSON

- Aptana Jaxer
- Buddata Studio (JavaScript-based rich web client)
- Buddata UI Framework (JavaScript codebase used by Buddata Studio)
- Buddata OGC Web Feature Service 2.0
- Enterprise Architect (Sparx)
- ShapeChange 2.0
- Buddata ebXML3.0 Registry Service
- OGC CSW for ebRIM resolver-broker
- Bizagi Process Modeler
- MySQL
- PostgreSQL/PostGIS

Itineris

- C#
- MS Visual Studio
- XSLT
- MS Word templates
- SQLServer
- Microsoft AX

Arcelor Mital Logistics

- C#
- XSLT
- SQL Server

kZenLabs

- Java
- C#
- Node.js
- Javascript
- HTML5
- CSS
- XML
- JSON
- Aptana Jaxer
- Buddata Studio
- PostgreSQL / PostGIS
- MySQL

GENESIS FP7 - 4CT/kZenLabs

- Java
- C#
- Node.js
- Javascript

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- Buddata Studio (JavaScript-based rich web client)
- Buddata UI Framework (JavaScript codebase used by Buddata Studio)
- Buddata OGC Web Feature Service 2.0
- Buddata OGC Web Processing Service
- Buddata OGC CSW for ebRIM resolver-broker
- PostgreSQL/PostGIS
- MySQL

Business Solutions [12/1997 - 09/1998]

Solvay NV [05/1997 - 11/1997]