

# Nick Ooms

---




- [Nick Ooms](#)
  - [Senior Full stack JavaScript Developer](#)
  - [Summary](#)
  - [Contact Info](#)
  - [R&D](#)
    - [ITEA LASCOT](#)
    - [IWT SERKET](#)
    - [GENESIS FP7](#)
  - [Languages](#)
  - [Skills](#)
    - [Development Languages](#)
    - [Frameworks & Technologies](#)
    - [Databases & Tools](#)
    - [Operating Systems](#)
  - [Experience](#)
    - [Porphyrio \[09/2019 - 11/2019\]](#)
    - [ChatLayer \[04/2019 - 06/2019\]](#)
    - [Neanex \[02/2018 - 02/2019\]](#)
      - [Robovision 3D labeller](#)
      - [Neanex](#)
    - [SlickSS \[03/2017 - 08/2017\]](#)
      - [SlickSS](#)
    - [Freelance & Open Source Projects \[04/2015 - 02/2016\]](#)
      - [Freelance & Open Source](#)
    - [4C / Cronos \[11/1998 - 03/2015\]](#)
      - [AGIV](#)
      - [Itineris](#)
      - [Arcelor Mital Logistics](#)
      - [kZenLabs](#)
      - [GENESIS FP7 - 4CT/kZenLabs](#)
    - [Business Solutions \[12/1997 - 09/1998\]](#)
    - [Solvay NV \[05/1997 - 11/1997\]](#)

## Senior Full stack JavaScript Developer

Curriculum Vitae

## 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, resizeable 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

- Markt 19, 2940 Hoevenen (Antwerp), Belgium
- (+32) 470 033 921
- [oomsni@gmail.com](mailto:oomsni@gmail.com)
- [twitter.com/nickooms](https://twitter.com/nickooms)
- [linkedin.com/in/oomsnick](https://linkedin.com/in/oomsnick)
- [github.com/nickooms](https://github.com/nickooms)

## 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

SEcuRisation 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
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
- CSS
- HTML5
- XML
- JSON
- Apatan Jaxer
- 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]