

Ian Channing

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Summary

Humble optimist in training.

Active on Stack Exchange: <https://stackoverflow.com/cv/ianchanning> (Combined 23k reputation)

For better or worse (I blame too many years spent at startups), I am quite a jack of all trades. I mostly enjoy designing user interfaces, but I like to work on all aspects from backend code/APIs, to databases to devops. The code I write has a history of being stable and robust. I care about details and consistency whilst bending to pragmatism when needed. I put being a friend to my co-workers and being honest above all else. I am a functional programming enthusiast and studying Neural Networks in my spare-time.

I have 19 years user interface and web application development experience across statistical and engineering startups and market risk (investment banking). I moved from London to Belgium 10 years ago and now speak Dutch fairly fluently, using it for about 50% of my job.

Experience



Lead Developer

MONA Health

Feb 2022 - Present (11 months +)

React, Next.js, Javascript, Node.js, Postgres, GraphQL and Docker

Building and maintaining <https://portal.mona.health/>

imec

Software Architect

imec

Jul 2018 - Feb 2022 (3 years 8 months)

React, Postgres, Javascript, Node.js, GraphQL and Docker

Working on the innovatrix platform that powers the imec istart startup accelerator.

Mostly the react UI, but also devops pipelines for deploying new systems and architecting/analysing each of the areas of the system as we have grown over time.

A free core version of this is available for anyone to use called Open Innovatrix <https://open.innovatrix.be/>



Founder and Benevolent Dictator

Blank Slate (Belgium)

Feb 2017 - Jul 2018 (1 year 6 months)

Javascript, PHP, SQL Server and Python

My personal company continuing my contracting for Permasense (<https://permasense.com>) (remote corrosion monitoring sensors) doing full stack development. I joined as one of the first employees and left when they were sold for \$50 million to Emerson. The software is now called Plantweb insight non-intrusive corrosion application (<https://www.emerson.com/en-us/catalog/automation-solutions/emerson-sku-plantweb-insight-non-intrusive-corrosion-application>)

Senior Software Developer

Klever

Sep 2010 - Feb 2017 (6 years 6 months)

Javascript, PHP, SQL Server and Python

I was mostly contracting for a startup Permasense (<https://permasense.com>) (remote corrosion monitoring sensors) and my previous company VSNi doing full stack development. I joined as one of the first employees and left when they were sold for \$50 million to Emerson.

Front end lead developer for statistics and engineering startups. I work on two main projects, one for visualizing pipeline corrosion (MVC web application) and the other for generating design of experiments for statisticians (React web application). I've built all the systems I maintain from the ground up, from database to UI concepts. More recently I have focussed on the front end visualization and UX. I've been working remotely from Belgium for UK companies since 2010.

Software Developer

VSN International

Apr 2007 - Aug 2010 (3 years 5 months)

PHP, MySQL and Java

Government funded Data Visualization research project with Leeds University and the Numerical Algorithms Group. Port of a legacy C++ program, merging a forked Linux and Windows C code base and enhancing the project to be able to run on a distributed grid. Creation of a pipeline user interface for passing the data between individual statistical or visualization modules, using the Java NetBeans Visual Library. The UI communicated with a stateful Java web service.

Developing and maintaining the company website, ported the legacy website to WordPress. Designed and developed a custom e-commerce system along with advanced mysql database performance tuning.

I stopped being a direct employee of VSNi in 2010, but have continued as a consultant for them until 2017

Analyst / Developer

Credit Suisse

Jan 2006 - Mar 2007 (1 year 3 months)

C#, SQL Server, Excel VBA, Data warehouses

Analyst Developer

Credit Suisse

Jun 2001 - Dec 2005 (4 years 7 months)

C#, SQL Server, Excel VBA

Education



Imperial College London

MSci, Mathematics and Computer Science

Sep 1997 - Jul 2001



Birkbeck, University of London

MSc, Economics

Sep 2005 - Jul 2007

Licenses & Certifications



Machine Learning - Coursera Course Certificates

6668MWW6B7Y2



Neural Networks and Deep Learning - Coursera

MAJNWKC2VC3J



Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization - Coursera

JNWPMUZ6N9Z3

Skills

SQL • Software Development • Software Design • Market Risk • Business Analysis • Agile Methodologies • SDLC • Git • C# • VBA