Toby Inkster

PERL DEVELOPER

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EXPERIENCED PERL DEVELOPER

Having programmed in **Perl for over two decades**, with a prolific background in **open source development**, I am a **recognized name** in the Perl community. I have spoken at and attended UK and international Perl events, and am the maintainer and project founder of the popular and widely-used open source Type::Tiny type constraint library.

SKILLS

I'm a polyglot programmer (multiple programming languages), specializing in Perl, but also great at PHP, JavaScript and SQL, and trying to learn Rust.

➔ Perl programmer since 2001

➔ Detailed at documentation

➔ Top-notch at testing (Test:More, Test2)

➔ Good at communicating technical ideas

➔ Object-oriented programming specialist (Moose, etc)

➔ Familiar with Perl database access (DBI, DBIx::Class)

➔ ... And many databases (MySQL, Postgres, SQLite, etc)

➔ MVC framework experience (Catalyst, Mojolicious)

➔ Comfortable with version control (git, mercurial, svn)

WORK HISTORY

APR 2023—

SENIOR SOFTWARE ENGINEER, GIACOM

Senior backend developer (Perl) working on the company's backend platform for managing client relationships and ordering products/services. Revitalized the platform's neglected test suite.

MAR 2021—JUN 2023   **CONSULTANT, THE PERL SHOP**

I worked remotely with The Perl Shop, a Massachusetts-based consultancy, on a financial services project.

MAR 2021—APR 2024   **DIRECTOR, TOBY INK LTD**

I established a limited company to continue my consulting work.

SEP 2011–MAR 2021   **SELF-EMPLOYED**

I worked as a freelance consultant for various small businesses, schools, and charities, providing web development and database management services, often as a subcontractor.

AUG 2006–AUG 2011   **DATABASE DEVELOPER, NCT**

National Childbirth Trust, Acton, London.

After the NCT merged with another charity and outsourced much of its IT, I stayed on providing consulting services for the charity's membership and contact relationship database.

JUL 2004–AUG 2006   **IT & TELECOMMUNICATIONS CO-ORDINATOR, NCT**

Reporting directly to the Chief Executive, I provided IT support, administered the office computer network, servers and VOIP telephone system, procured new equipment, assisted with developing and maintaining the NCT's popular website and related micro-sites, and developed new network-based systems to support the work of the Trust.

FEB 2003–JUL 2004   **ADMINISTRATIVE ASSISTANT & IT SUPPORT OFFICER, NCT**

Provided administrative support for the fundraising department, IT support for the whole staff, and some system administration.

EDUCATION

OCT 1999–JUN 2022   **BSC (HONS), JOINT MATHS AND COMPUTER SCIENCE**

Imperial College, London.

I studied a broad spectrum of topics such as web design, AI, database theory, 2D&3D graphics, human-computer interaction and program design theory, and a variety of programming languages (Java, C, Haskell, Assembly, others).

UNTIL 1999   **EARLIER EDUCATION**

Grade A in A-Level Mathematics, Physics, Chemistry, and General Studies. Grade A in AS-Level Further Mathematics.

PUBLICATIONS

2014 HORIZONTAL REUSE: AN ALTERNATIVE TO INHERITANCE

Article on the O'Reilly Programming blog.

2009 CREATING DISTRIBUTED SOCIAL NETWORKS WITH LINKED OPEN DATA AND FOAF+SSL

Demonstration paper for Trust and Privacy on the Social and Semantic Web 2009 Workshop.

2008 FOAF+SSL: CREATING A GLOBAL DECENTRALISED AUTHENTICATION PROTOCOL

By Henry Story, Toby Inkster, Bruno Harbulot, Ian Jacobi, and Melvin Carvalho.

Position paper for the W3C Workshop on the Future of Social Networking.

INTERESTS

TECHNOLOGY

→ Experimental object-oriented programming techniques

→ Stealing design patterns from other languages and bringing them to Perl

→ Semantic web

→ Social web

OTHER

→ Keen amateur chef

→ Poor guitar player

→ Cat lover