

I'm a dev. I have coded on these products:

*1Password for Windows
TopStyle
Adobe Captivate
Macromedia Dreamweaver
Macromedia Authorware*

plus custom projects, see portfolio below.

Technical Skills

Likes: delphi firemonkey sql sqlite rest com soap isapi json unicode github ios swift css jira devexpress go blockchain
bitcoin ethereum solidity

Experience

Jan 2015 → Oct 2016 **Software Developer** – [AgileBits, Inc.](#)

delphi, bho, bonjour, aes, pbkdf2, sqlite, eureka-log, openssl, websocket, code-signing, inno-setup, finalbuilder, github, jira

1Password is a password and identity manager for Mac, Windows, iOS and Android. I was involved with design, development, QA, and customer support.

Jan 2009 → Dec 2014 **Software Developer** – [Bradbury Software, LLC](#)

Over the years, I have been involved with the following TopStyle releases:

- 2001: Worked as a contractor on a TopStyle extension for Adobe (then Macromedia) Dreamweaver.
- 2009: Worked as a coder on TopStyle 4. Added unicode, remote editing, script insight for ASP and PHP and ColdFusion, support for iPhone web app development, and support for HTML 5.
- 2012: Worked as a coder on TopStyle 5. Added CSS3, HTML structure panel, image map editor, XRAY, CSS groups, brace matching, SFTP, and many more features.

Jun 2009 → Nov 2009 **Software Developer** – [CNOOC Informatiesystemen](#)

delphi, devexpress, orm

Developed an object-relational mapping (ORM) application framework for CNOOC's CRM system, using the following technologies: Delphi 2010 + tiOPF + Developer Express VCL

May 2008 → Dec 2008 **Software Developer** – [SDF Tuinbouwautomatisering](#)

delphi, multi-tier

Developed software for greenhouse farming (mostly in the field of order processing, planning, sorting, and internal control systems).

Greenhouse farming is one of the most innovative and competitive sectors in the Netherlands (the Dutch greenhouse farmer is known to be a hard-working entrepreneur).

Jan 2007 → Sep 2007 **Software Consultant** – [TTA International](#)

delphi, intraweb, com

Designed and developed a COM-based web interface to the TTA engine.

The TTA engine imports connectivity lists of an electronic design, prepares them for drawing, and then renders a SVG (Scalable Vector Graphics) or DWG (AutoCAD) image.

Mar 2006 → Sep 2007 **Software Consultant** – [Adobe Systems, Bangalore, India](#)

delphi, flash

Provided support, advice, and consultancy to a group of software engineers in Bangalore, India.

I have been involved with the following releases: Adobe Captivate 2.0, and Adobe Captivate 3.0

Sep 2005 → Jan 2006 **Software Developer** – [Voogd & Voogd](#)
delphi, soap, iis, isapi

Designed and developed SOAP web services for insurance premium calculations.

Dec 2004 → Mar 2005 **Software Developer** – [DocuMedia Learning Group, Inc](#)

Developed several libraries for DocuMedia Learning Group's e-learning projects for the US department of defense.

Jan 2002 → Jun 2004 **Software Developer** – [Bouwradius Training & Advies](#)
delphi, html, css

Designed and developed an in-house e-learning development environment.

Nov 2001 → Feb 2002 **Software Developer** – [MSD](#)
authorware

Designed and developed an international CBT (computer-based-training) for the MSD sales people who visit doctors.

Aug 1999 → Oct 2001 **Software Developer** – [Macromedia](#)
delphi, c++, javascript

Proud member of the Authorware engineering team.

I have been involved with the following releases: Authorware 5.2, Dreamweaver 4, CourseBuilder 4, LearningSite 1.0, Authorware 6.0, Authorware 6.5, and Authorware 7.

Oct 2000 → Jan 2001 **Software Consultant** – [NijghVersluys](#)
authorware

Trained a group of teachers, who were becoming Authorware developers.

Aug 1996 → Jul 1999 **Software Developer** – [Davilex Software](#)
authorware, delphi

For three years, I have been the lead developer of the Davilex multimedia development department. This department creates end-user (consumer) trainings on cd-rom for the Dutch, English and German market. During my time at Davilex, more than 20 different courseware products have been developed and more than half a million courseware products have been sold.

Education

2006 → 2006 **Masterclass Delphi 2006** – DTS

1992 → 1996 **Bachelor of Science (BSc), Technische Bedrijfskunde** – Hogeschool Utrecht

From August 1992 to June 1996, I studied Industrial Management & Technology. This bachelor programme aims to combine the disciplines of Economics, Marketing, Computer Science and Technology. The graduates role in an organisation is intended to be managerial in an advisory or coordinating function.

Certifications

Sep 2016 → Current **Embarcadero MVP**

Projects & Interests

Sep 2010 → Current **Stack Overflow** – <https://stackoverflow.com/users/439568/stefan>

Written 6 answers. Active in delphi.

Oct 2018 → Current **Delphereum** – <https://github.com/svanas/delphereum>
delphi, ethereum, web3

Delphi interface to the Ethereum blockchain

Sep 2015 → Current **d-calc** – <https://github.com/svanas/d-calc>
delphi, ios, firemonkey

d-calc is a bolus calculator for type 1 diabetics using an insulin pen (not an insulin pump)

Mar 2017 → Mar 2017 **go-domain** – <https://github.com/svanas/go-domain>
go

Package go-domain parses URLs into naked domains

Sep 2010 → Oct 2010 **p4twitter** – <https://github.com/svanas/p4twitter/wiki>
perforce, delphi, oauth

p4twitter is a Perforce trigger that will automatically publish your commits to Twitter

Public Artifacts

Oct 2020 **Introducing wrapped Universa** – <https://svanas.medium.com/introducing-wrapped-universa-d98308e5e002>
solidity, ethereum

WUTN (aka Wrapped UTNP) is a token bridge for Universa's UTNP token.

Mar 2019 **Delphi and Ethereum Name Service (ENS)** – <https://medium.com/@svanas/delphi-and-ethereum-name-service-ens-4443cd278af7>
delphi, ethereum, blockchain

Ethereum Name Service (ENS) is a decentralized naming system based on the Ethereum blockchain that can be used to resolve Ethereum addresses.

Oct 2018 **Connecting Delphi to Ethereum** – <https://medium.com/@svanas/connecting-delphi-to-the-ethereum-main-net-5faf1feffd83>
delphi, ethereum, blockchain

Sep 2018 **On-chain document verification; a proof of concept.** – <https://medium.com/@svanas/on-chain-document-verification-a-proof-of-concept-18d811fe8fa5>
blockchain, ethereum, solidity

Blockchains don't guarantee truth; they preserve truth & lies from later alteration.

Jun 2016 **Creating a SecureString type for Delphi** – <https://medium.com/@svanas/creating-a-securestring-type-for-delphi-part-1-e7e78ed1807c>
delphi, security

May 2016 **Why an unsalted MD5 hash is bad practice** – <https://medium.com/@svanas/why-an-unsalted-md5-hash-is-bad-practice-6a0d7d017856>

May 2016 **Setting up TortoiseGit for Bitbucket and GitHub for Windows, on the same PC, step by step.** – <https://gist.github.com/svanas/87330eeb17313ea50d5cf9c265ab693f>
bitbucket, github, ssh, yubico

what if...

- You want to use TortoiseGit with Bitbucket, and
- You already have GitHub for Windows, or
- You want to use GitHub-for-Windows-with-GitHub, and TortoiseGit-with-Bitbucket.

These instructions will help you set that up, step by step.

Mar 2007 **Using PENS with Adobe Captivate 2** – <http://web.archive.org/web/https://www.adobe.com/devnet/captivate/articles/pens.html>
adobe-captivate

I wrote this article for the Adobe Developer Center. It explains explains PENS (Package Exchange Notification Services), and how to use the support for PENS included with Adobe Captivate 2.

May 2004 **Extending Dreamweaver** – <https://svanas.github.io/0405.pdf>
delphi, dreamweaver, javascript

I wrote an article for the May 2004 issue of Delphi Informant Magazine on how to use Delphi and create Dreamweaver extensions, using my Delphi translation of the Macromedia C-level extensibility layer.

Aug 1999 **The Ultimate Authorware Attain Tutorial** – <http://amzn.com/3540641238>

An interactive book and CD package, published by Springer. I wrote a couple of chapters for this book. Other authors include Richard Schiffman, Joseph Ganci, Phillip Kerman, Jeff McGuire, and Wade Wells. The book got published in the English and German language.

Apps & Software

1Password for Windows – <https://1password.com/>

1Password is a password and identity manager for Mac, Windows, iOS and Android.

TopStyle – <https://en.wikipedia.org/wiki/TopStyle>

TopStyle is a CSS3 and HTML5 editor for Microsoft Windows.

Adobe Captivate – https://en.wikipedia.org/wiki/Adobe_Captivate

Adobe Captivate is a rapid responsive authoring tool that is used for creating e-Learning content.

Macromedia Dreamweaver – https://en.wikipedia.org/wiki/Adobe_Dreamweaver

Macromedia Dreamweaver is an IDE for web development.

Macromedia Authorware – https://en.wikipedia.org/wiki/Adobe_Authorware

Macromedia Authorware was an interpreted, flowchart-based, graphical programming language for e-Learning content.

Jun 2020 **Bankless** – <https://www.microsoft.com/store/productId/9P50F616XCDJ>
ethereum, web3, defi

Bankless is a DeFi desktop app with the highest possible yield on your stablecoin savings.

Bankless is a small and simple dapp that makes it super easy to transfer your savings from one lending protocol to another with the click of one button.

Bankless is secure by design. Your crypto keys are not stored anywhere and they never leave your device.

Aug 2017 **Nefertiti™, a simple crypto trading bot.** – <https://medium.com/@svanas/introducing-nefertiti-a-simple-crypto-trading-bot-b078898fa164>

Nefertiti is a command-line trading bot that follows a simple but proven strategy: buy the dip, then sell those trades as soon as possible, preferably on the same day.

Oct 2016 **Meme Generator for iMessage** – <https://itunes.apple.com/us/app/meme-generator-for-imessage/id1160813697?mt=8>
swift, xcode, uikit

Wouldn't it be awesome if you could generate memes from within iMessage, without leaving the app? Now you can!

Others

May 2016 **Winner** – Embarcadero Cool App Contest

1Password for Windows is the 1st Winner of the Cool-App-build-with-Delphi Contest

2013 **Macworld Editors' Choice Awards** – 1Password 4

Tools

First Computer: Sinclair ZX Spectrum