

Cas N.W. Knook, B-Sc

Web/App/Soft-&Hardware developer

Embedded developer



+ CONTACT

Address Rijksweg 35-B
6584 AA Molenhoek (LB)

Phone ☎ +31 (0)24 388 1777

☎ +31 (0)6 2070 4650

Email ✉ werk@casknook.nl











Nationality Nederlands

Date of Birth 03 september 1965

Gender Man

+ SKILLS

	Junior	Medior	Senior	Years	Last
Specialism					
Web Frontend (HTML5 / CSS3 / Javascript)				30	2020
Web Backend (frameworks / PHP / MVC)				30	2020
Embedded software (C / Assembly)				23	2018
Operating Systems					
MicroSoft (DOS, CE, Windows1..10..)				28	2018
Linux (Ubuntu, Debian, Gentoo, CentOS)				30	2020
Program languages					
PHP (3 - 7.3)				25	2020
SQL (MS My)SQL + scripting (MariaDB, MongoDB, ..)				25	2020
Javascript (o.a Vue.js, ExtJS)				20	2019
AJAX / jQuery / Json				16	2020
HTML-5 (W3C) / CSS-3 / Bootstrap				25	2020
NodeJS				4	2018
Perl / Bash / Python				1..20	2020
C, Assembly (low level, Memory constrained, OS-less / Real-Time kernel)				26	2017

Pascal (Delphi, RAD)		10	2005
Embedded			
Software (C / Assembly)		26	2017
Hardware (GPS, GSM, ANT+, I/O, Sensors, Actuators)		26	2017
2-Way Satellite datacommunication/internetcafe (nautical river-cruiseships)		5	2011
Methods			
TCP/IP - IPv4 - IPv6		23	2018
Webservices (SOAP / REST)		10	2020
Sessions / Cookies		16	2020
Security / Authentication / LogIn-Out		16	2020
OOP / Design Patterns		10	2020
Modelling / MVC		20	2020
Frameworks (CakePHP, Yii1&2; basic: Symfony / Laravel, CodeIgniter)		20	2020
CMS (Wordpress; basic: Joomla, Drupal)		16	2020
Develop process / Tools			
IDE (PhpStorm, NetBeans, HEW, Android St., Visual..)		1..20	2020
Source Control (SVN, GIT, Jira, FTP, (win)SCP, ..)		3..20	2020
Unit Testing (fundamentals)		1	2014
Agile / SCRUM (basic: Kanban)		7	2020
Branches			
Internet (hosting / domainnameregistration / mgt)		25	2020
Web-shops (accommodation rental / fireworks)		19	2020

+ EXPERIENCES

Web Developer
TexPro / AICN bv
Veenendaal
2019 (1 year)

Webdevelopment, BugFixing

Mainly bugfixing and extending existing webapplication for camping and recreational area rental for apr. 700+ clients, with Jira+Bitbucket versionmgt in a Docker-development environment. Upgraded PHP5 to PHP7.

ICT DEVELOPER
Radboudumc-RHA
Healthcare Academy
Nijmegen
2017-2018

Architect, Webdeveloper, Application-/Functional-/Linux manager

Maintain, expand and bugfixing webportals for academy; In Symfony framework, PHP, Javascript, CSS, jQuery. Maintain 'Hootboard' (kiosk system), Implementation OnStage. Links OSIRIS to ODD (Education Data Service). Application management / developements for USI-Ungerboeck Event system

SOFTWARE ENGINEER
LED Expert bv
AAA-LUX-Lighting
Eindhoven
Juni 2015 – 2017

TECH CONSULTANT
Nspyre bv (now: Altran bv)
Eindhoven
April 2013 – April 2015
(Secondment)

Architect, Webdeveloper, Embedded developer, Scrummaster

Continuation webbased development LIT-Light Installation Tool in PHP / Javascript / CSS / JQuery / Ajax in Yii-framework; JSON-data protocol; Embedded Controlbox (C) Power LED light-control application; Zigbee mesh-network; Apache2 webserver maintenance; Jira issue tracking & Confluence knowledgebase; Trainee guidance

TomTom bv Frontend developer JAN 2015-MAR 2015

Arduino, CSS3, Embedded, HTML5, javascript, Linux Apache, NodeJS messages controlled, TCP/IP sockets, multi display, video + navigation-app synchronisation, Demo setup.

Nspyre bv / IMG (UK) Embedded Developer OCT 2014-JAN 2015

Hardware design adjusted (R32C/111, GSM/GPS, ANT+, Power, USB) + low-level microController programmed in C for collecting heartbeat, wheel revolutions + GPS-location of Profcyclists in cycling races.

Philips Healthcare Frontend programmer DEC 2014-DEC 2014

CSS3, HTML 5, Javascript, jQuery, AngularJS, NodeJS.

Philips Lighting Frontend programmer OCT 2014-OCT 2014

CSS3, HTML 5, Javascript, jQuery, WebGL (png color updates), demotool.

LedExpert bv Webapp developer JUL 2014-OCT 2014

Javascript / jQuery / Json, MySQL, NAS Server (maintenance), PHP 5 / CSS 3 / HTML, SSL Certificates, Webapplication (Yii framework) Project/admin/Design tool.

Nspyre bv Developer APR 2014-JUL 2014

GPS / GSM / ANT+, Hardware / Solderwork, MySQL / jQuery / Javascript, PHP Yii-Framework, projectleader / intern counsel.

LedExpert bv Architect/Web developer JAN 2014-MAR 2014

Firefox / Firebug / RESTClient, Javascript / jQuery / Json, MySQL, PHP 5, Yii framework / MVC.

Active Video Tech Specialist DEC 2013-JAN 2014

CMV (Controller-Model-View), Framework inventarisatie, MySQL, PHP 5 / CSS 3.

CSK Food Pascal programmer DEC 2013-DEC 2013

Borland Delphi, Food, Pascal.

LedExpert Webapp Developer SEP 2013-OCT 2013

C, CSS3, FUELPHP framework, Javascript / jQuery / Json, Linux, MySQL, NAS Server maintenance, PHP 5.

Nspyre bv Tester / Projectmanager AUG 2013-SEP 2013

CSS 3, Food4Bees, HTML 5, Java, Javascript, JUnit (for testing), PostgreSQL, SQL/HQL for foundation 'Food4Bees'.

GenKey Solutions bv Frontend / Tester APR 2013-JUL 2013

CentOS Linux, Firefox + Firebug / RESTClient, Java (backend), Javascript / JQuery / DOJO, JIRA bugtracking, Spring Tool Suite (Eclipse), TortoiseSVN / subversion.

Architect, Webapp developer, Databasemanager, Servermanager.

Architect, Developer, Tester, Linux, Ubuntu / Gentoo, MS-Sql + Stored procedures, PHP, Javascript, CSS, jQuery, Soap / XML, XSLT, Tomcat6+Axis2, Apache.

U-Online Internet Services and Support. SEP 1998-APR 2013

Domainname registrations, Hosting, server mgt, HTML, CSS, Javascript, PHP3+4, Internet, Apache, Linux Debian, (K)Ubuntu, Perl, Sales, Websites / applications.

CVG Group accommodations ERP System developer MAR 2001-OCT 2011

Ajax, Apache, Architect, Programmer, Borland Delphi Pascal (RAD), Linux Debian, Ubuntu, management, Sales, Coaching, PHP, MySQL, Javascript, HTML, CSS, Webapplication front-/backend.

Cruise schips Internetcafe / 2-way satellite conn. JUN 2005-JAN 2009

2-way satellite follow system, Rivier cruiseschips, Linux server, Debian, local WiFi onboard, mobile internetcafes, PHP, MySQL, HTML, CSS, Troubleshooter.

IT DEVELOPERR
Meditel Gezondheid bv
Gouda
October 2011 – January 2013

IT SPECIALIST / OWNER
Waremasters bv / U-Online
Molenhoek (LB)
September 1998 – April 2013

FeestjeOpHetWater.nl ERP-system developer JUN 2006-JUN 2008
 Borland Delphi Pascal (RAD), Entertainment / parties, Internet webapplication, MySQL, Partyship rental.

Blackbox GPS-GSM / Web developer SEP 1998-JUN 2008
 Battery, Lowpower, Embedded C, Assembler, GPS locator, GSM Data-communication, Map&Guide maps, MicroController, blackbox, PDA, Tracking- / Tracing vehicles, webbased car-driverregistration.

GENOS Developer JAN 1998-JUN 2005
 Global Earth Navigation & Observation System; Borland Delphi Pascal (RAD), C, Assembler, embedded GPS-GSM-WEB, PCB layout development/drawing. Predecessor current tablet for Cesna et al pilots.

1st Online job bank (Matchbank.nl) developer JAN 1995-OCT 2000
 Architect, Pascal / HTML / MySQL / CSS Programmer, front- & backend webapp with FTP-fileupload, Linux, Windows 2000, Recruitment industry.

SOFTWARE DEVELOPER
 ATO-DLO
 Wageningen
 May 1992 - September 1996

Architect, Analist, Database DB4, EG-project WaterCime, FoxPro, Planning system, pre-internet, E-mail, Lynx, Fruit & vegetable industry.

SOFTWARE ENGINEER
 Mint bv
 Gouda
 January 1996 - January 1997

C programmer, Central backoffice system for Chipper of the bank (Postbank/ING).

UNIX SYSTEMMANAGER
 Lincoln Smitweld bv
 Nijmegen
 January 1998 - September 2000

Bash scripting, Data back-up ADSM, ERP application, Frame-Relay european network, IBM HACMP RS6000 S70 cluster, welding industry, Unix specialist.

+ OWN DEVELOPMENTS (privat, Last years)

BLOCKCHAIN / CRYPTOCURRENCY	Trading (alt-)coins, Setup / maintain Masternodes. Creation wallet / ATM / Exchange
MIJNBUURTJE.nl / MAASBUREN.nl / DORPSRAADMOLENHOEK.nl Nijmegen / Molenhoek	Neighborhood connector (social). web- / internet- / Android- / iPad-instructor. Marketing- & Mailings set-up. Internet-Cafe and a KIOSK (Digital Signage) system developed and build for central input agenda and spreading to several customers
WhatsApp Neighborhood prevention.	Website and 13 neighborhood groups setup in Molenhoek
ENERGIECAFÉ MOLENHOEK	Assessment and selection 'preferred supplier' sunpowerpanels for inhabitants Molenhoek

+ EDUCATION

HTS Arnhem	Technical Computer Science (B-Sc.)	1991 (diplom)
MTS Nijmegen	Electrical engineering (electronic)	1986 (diplom)
Scholengemeenschap Wijchen e/o	MAVO / HAVO (Dutch / Eng / Ger / Math / Physics / Bio / Chem)	1982 (diplom)
Radboudumc	onStage (Functional/App maintenance)	2018 (training, certificat)
uDemy.com	Ethereum : Decentralized Application Design & Development	2017 (certificate)
uDemy.com	Ethereum Blockchain Developer: Build Projects Using Solidity	2017 (certificate)

uDemy.com	Cryptocurrency Trading Course 2018: Make Profits Daily!	2018 (certificate)
uDemy.com	Cryptocurrency ICO Investing Course 2018: Identify the Best!	2018 (certificate)
uDemy.com	Build a Blockchain and a Cryptocurrency from Scratch	2018 (certificate)
uDemy.com	Blockchain Development on Hyperledger Fabric using Composer + Docker	
uDemy.com	Learn Python by Building a Blockchain & Cryptocurrency	
uDemy.com	Python & Cryptocurrency: Build 5 Real World Applications	
uDemy.com	Cryptocurrency Fundamentals: Coins, Wallets, Exchanges, ICOs	
Nspyre bv	UML diagrams	2013 (training, diplom)
	Development in Medical domain	2013 (training)
Cubics bv	Customer-oriented communication & interview techniques	2013 (training)
ISTQB Foundation	ISTQB Foundation (software tester)	2013 (diplom)
IBM	Preface Unix	1998 (diplom)
	Unix and High Availability	1998 (diplom)

+ LANGUAGES

Native	Dutch		
Others	English	Speaking: good	Writing: good
	Duits	Speaking: good	Writing : basic

+ PROFESSIONAL HIGHLIGHTS

I am a calm and precise person who works on projects both as a team and individually.

I like to 'bite' myself in a (new) challenge and only let go when it works, both alone and in a group and take (shared) responsibility seriously.

I like to take initiative (in the technical field) for new and interesting possibilities and techniques.

I am familiar with SCRUM / Agile working methods and apply these.

I aspire OpenSource developments and frameworks for web-based applications.

I am interested and develop in the blockchain technology and bitcoin world.