

CV DATE
01-05-2024

CITY OF RESIDENCE
Zoetermeer

HOBBIES
Raspberry PI, Reading, Motorcycle,
Activities with my kids, Open Source
contributions

IGOR

Senior Software Engineer

PROFILE

(Lead) Senior Software Engineer with more than 12 years of experience in Software Engineering and more than 5 years of experience in leading development teams. I have a strong focus on security, scalability and sustainability and have developed multiple enterprise products from start to finish.

SOCIAL SKILLS

Teammplayer, Pragmatic, Social, Driven, Creative, Flexible

SKILLS

Python	*****	Linux, Bash	****
Java	****	C#	***
JS	****	Frontend	***
Django	*****	Nginx	****
Django REST	*****	CI/CD	*****
Wagtail	*****	Github	*****
Pytest	*****	Github Actions	*****
FHL7/FHIR	****	Jenkins	*****
REST API's	*****	RabbitMQ	***
PostgreSQL	*****	Celery	***
H7DB	****	Docker	****
MySQL	*****	Microservices	*****
Twilio VOIP	*****	Monolith	*****
Asterisk VOIP	*****	Headless	*****
Kubernetes	*****	WebRTC	****
Terraform	****	Oauth	*****

		UML	*****	JWT	****
		Design Patterns	*****	SaaS	*****
		GIT	*****	React	****
		GCP	*****	Jinja2	*****
		AWS	***	Flutter	****
		Heroku	****	NodeJS	****
		OOP	*****	Ansible	****
		TDD	*****	Salesforce	***
		DDD	****	Web3	*****
		DigiD	***	Serverless	****
		iDeal	***	Pentesting	*****
		AFAS API	*****	VM	*****
		Firewall	**	TCP/IP	**
		Routing	**	Gitlab	****
		Gitlab actions	***	Web3/EVM	*****
		FastAPI	*****		

WORK EXPERIENCE

4Net 4NG	2024
Adapta	2021 - 2024
FantomStarter	2021 - 2023
BrainBrothers 4NG	2020 - 2021
Computest	2017 - 2020
Parttime HBO docent Informatica - NOVI Hogeschool	2019 - 2020
ASolutions	2015 - 2017
Service Planet	2013 - 2015

CERTIFICATES

Computest Certified Secure Software Developer – Code reviewer	2019
GCP Professional Cloud Architect	2023
Oracle Certified Associate, Java SE 8 Programmer	2020
SCRUM Master	2015

EDUCATION

Master of Science Software Engineering Open Universiteit	2019
Digital Health Harvard	2022
Premaster Onderzoek Open Universiteit	2023
Premaster Software Engineering Open Universiteit	2018
HBO Informatica Open Universiteit	2016

BRANCHES KNOWLEDGE

Zorg	Social Media
Security	Onderwijs
Blockchain	Horeca

OPEN SOURCE CONTRIBUTIONS

Wagtail Tag Manager https://github.com/jberghoef/wagtail-tag-manager
Wagtail https://github.com/wagtail/wagtail
IM-Docs https://github.com/intermine/im-docs
Python-textile https://github.com/textile/python-textile
Zivver Python https://github.com/Adapta-Innovation/zivverscim
Smack https://github.com/igniterealtime/Smack

PROJECTS

ORGANISATION	PERIOD	FUNCTION
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4NET, Utrecht	april 2024 - april 2024	Solution Architect
PROJECT		
As a Solution Architect, I help SeniorWeb.nl with processes / tech		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
As a Solution Architect at SeniorWeb.nl: <ul style="list-style-type: none">• I help streamline processes and technologies.• I design solutions that meet business needs and IT strategies.• I supervise the implementation of architectural principles and best practices.• I work with various stakeholders to define and refine technical solutions.• I identify and manage risks and challenges in projects.• I ensure continuous improvement of systems and processes.		C# Cloudflare Headless CI/CD Manager Stakeholder management Process optimization

ORGANISATION	PERIOD	FUNCTION
Adapta, Amersfoort	augustus 2021 - april 2024	CTO
PROJECT		
CTO Management Team		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
As CTO, I am closely involved in strategic decisions of the company as well as managing various teams. <ul style="list-style-type: none">• Led teams of developers, managers and testers to create user-friendly products for a daily user base of 20,000.• Actively wrote code, contributing hands-on technical expertise to the development process.• Balanced the roles of CTO and Tech Lead, ensuring a collaborative and efficient work environment.• Successful delivery of high-quality products from start to finish, meeting project milestones and exceeding user expectations.• Entrenched a culture of innovation and continuous improvement within the development and testing processes.• Prioritized teamwork, timely project completion, and continuous improvement of code quality for optimal product performance.		Scrum / Agile Python Django Docker CI/CD Github Actions Terraform Headless Monolithic Design Patterns GCP Google Workspace AFAS HL7/FHIR Ecare PUUR ECD Manager MT Overleg Stakeholder management

ORGANISATION	PERIOD	FUNCTION
Adapta, Amersfoort	augustus 2021 - april 2024	CTO
PROJECT		
CTO Tech Lead Design and realization SaaS product Hello Adapta		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
<ul style="list-style-type: none">New module for community care Hello Adapta, the handheld super app SaaS product <p>My role: From the start I mapped out the user stories and developed the architectural developments. Teams of developers / PO / UX UI managed to develop the app. Also actively developed the various backends. For example, I created the connections between the various VoIP providers, set up the complete CI/CD, optimized the performance of various microservices, and developed the other microservices. Until the moment of MVP I developed 100% of the backend, after a successful pilot I continued as a developer for 60%. The rest of the time was mainly spent on innovation, marketing, architectural designs for new modules. I have developed the following modules within the Hello super app:</p> <ul style="list-style-type: none">Signals (API broker)VoIPPatients (API HL7/FHIR integration PUUR/Nedap)Schedule serviceHighly automated work processes and reduces significant manual labor		Scrum / Agile Python Django Docker CI/CD Github Actions Terraform Headless Microservices Design Patterns GCP Google Workspace AFAS HL7/FHIR Ecare PUUR ECD Firewall Routing TCP/IP FastAPI

ORGANISATION	PERIOD	FUNCTION
Adapta, Amersfoort	augustus 2021 - april 2024	CTO
PROJECT		
CTO Tech Lead Design and realization SaaS product IAM		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
<ul style="list-style-type: none">Adapta wants to develop an IAM SaaS product that provides Google Workspace users from the source system AFAS <p>My role: Solution Architect and Tech Lead for developing the IAM</p>		Scrum / Agile Python Django Docker

<p>SaaS product. Together with the PO, first gain insight into what the use cases exactly entail, then come up with a scalable solution for the IAM SaaS product that more customers can use. An issue with this type of product is scalability and consistency. Solved by setting up GCP in such a way that the SaaS application corrects itself.</p> <ul style="list-style-type: none"> • Migration from gitlab to github • Google Workspace integration • Heavy API usage, 20k API calls per 30 min • Highly automated work processes and reduces significant manual labor 	<p>CI/CD Github Actions Terraform Headless Monolithic Design Patterns GCP Google Workspace AFAS Gitlab FastAPI</p>
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ORGANISATION	PERIOD	FUNCTION
FantomStarter, Remote	januari 2021 - augustus 2023	Software Engineer / Software Architect
PROJECT		
Web3 fundraiser / full stack developer		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
<p>As a Software Engineer / Software Architect at FantomStarter, I built the FantomStarter application together with the dev team, including frontend, backend and Web3 SmartContracts.</p> <ul style="list-style-type: none"> • Creating Smart Contracts, including <ul style="list-style-type: none"> ◦ Token ◦ NFT ◦ Business logic on the blockchain • Backend On Chain and Off Chain development • Python backend for calculations • Node.js backend for the website • React integration headless 		<p>Scrum / Agile Python Docker CI/CD Github Actions Headless Monolithic Design Patterns GCP MT Overleg Stakeholder management NodeJS React Solidity Web3 / EVM FastAPI</p>

ORGANISATION	PERIOD	FUNCTION
BrainBrothers 4NG, Utrecht	april 2020 – juli 2020	Full Stack Senior Python/Java
PROJECT		
Full Stack Senior Software Engineer Node.JS / React – Xsystems		
RESPONSIBILITIES		APPLIED THESE SKILLS AND

	TECHNOLOGIES
<ul style="list-style-type: none"> For xSystems, a safe and reliable ZOOM clone must be built in WebRTC <p>My role: Tech Lead for developing the existing React WebRTC frontend and building a backend around it together with a team of international developers. To keep both the frontend and backend scalable, an MVVM design pattern was chosen in which the various applications are set up in docker images.</p>	Scrum / Agile Node.JS WebRTC Information Security Docker Design Pattern TCP/IP

ORGANISATION	PERIOD	FUNCTION
NOVI, Landelijk	september 2019 – april 2020	Docent HBO Informatica
PROJECT		
Professor Applied University HBO Informatica NOVI		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
Supervising and teaching bootcamp to 15+ students within NOVI in, among others: <ul style="list-style-type: none"> Python Java Object Oriented Programming Test Driven Development Information Security UX/UI 		Python Java OOP TDD Information Security

ORGANISATION	PERIOD	FUNCTION
Computest, Zoetermeer	september 2017 – mei 2020	Security Software Engineer
PROJECT		
Security Software Engineer		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES

<p>Backend development of Computest.nl website in Wagtail, Frontend development of website integrated in Jinja2 / Wagtail. CMS structure set up for content for marketing team Computest</p> <ul style="list-style-type: none"> • Python code • Set up CI/CD • Infrastructure maintenance • Direct link with Salesforce developed for the Contact Form on the website • Easter egg added • Various page types and models defined and abstractly implemented for use • Map structure developed in Wagtail without URL endpoint <p>Backend development of the internal tool used by Computest Hackers for pen test documentation</p> <ul style="list-style-type: none"> • Python code • Set up CI/CD • Infrastructure maintenance • Developed a link between BURP Suite export and import tool • Security comes first with the tool due to the sensitivity of the data (SSD) 	<p>Django Wagtail Python Agile SCRUM OOP TDD Information Security Guardian code review CI/CD Jenkins Salesforce Ansible Heroku REST API Celery Docker AWS</p>
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ORGANISATION	PERIOD	FUNCTION
ASolutions, Krimpen aan den IJssel	oktober 2015 – september 2017	Java Software Engineer
PROJECT		
Java Software Engineer		
RESPONSIBILITIES		APPLIED THESE SKILLS AND TECHNOLOGIES
<p>Maintaining web applications and maintaining and further developing Java desktop applications</p> <ul style="list-style-type: none"> • Java code • SQL queries and indexes • Stakeholder management • Set up and roll out to production 		<p>Java SQL Apache Maven Agile SCRUM OOP Information Security CI/CD</p>

ORGANISATION	PERIOD	FUNCTION
Service Planet, Rotterdam	oktober 2013 – oktober 2015	Java Software Engineer

PROJECT	
Java Software Engineer	
RESPONSIBILITIES	APPLIED THESE SKILLS AND TECHNOLOGIES
Maintaining web applications and maintaining and further developing Java desktop applications <ul style="list-style-type: none">• Java code• SQL queries and indexes• UEFI code / Bootloader	Java SQL Apache Linux Network OOP