Resume - Tristan Arts

About Me

I'm a Software Engineer specializing in Java Development. Working with and weaving together code into sharp algorithms energizes me. I love pouring my inspiration into projects that blend beauty with functionality. I take pride in my ability to absorb and apply new knowledge and skills, and I'm committed to ongoing growth and development.

Name:	Tristan Arts
E-mail:	ArtsTristan@gmail.com
Telephone:	+31 6 2477 0098
City, Province:	Venlo, Limburg

Portfolio
LinkedIn
GitHub

Additional Information

Date of birth:	04-09-1985	Nationality:	Netherlands
Burgerlijke stand:	Married	Children:	1, son
Driver's License:	Yes		

Profile: Backend Java Programmer

Once upon a time, Tristan was a hardworking forklift operator on the factory floor, but he knew life had more to offer. With experience and growth in logistics, he began asking himself questions like: What do I really enjoy doing? What energizes me? What am I good at? Driven by these questions, Tristan turned his passion into his profession, learning to code with determination and hard work, and began honing his Agile skills.

Despite the challenges he faced as a developer, Tristan never gave up. He spent countless hours studying and practicing, took on small projects, and collaborated with other programmers. Now, he's a software engineer focusing on back-end programming with Java.

Tristan is friendly, articulate, and has leadership experience, making him a valuable Java developer. He quickly proves to be an invaluable member of any team. With his talent and dedication, he continues to grow and excel, excelling in independent work, easily picking up new skills, and continuously expanding his domain knowledge. With the help of SCRUM, he maintains rhythm and balance in his work.

Tristan has managed to blend programming with his adaptability and creativity, making him a valuable programmer. He's proud of how far he's come and grateful for the opportunities his hard work has afforded him. Tristan is a testament to the fact that with perseverance and passion, anyone can achieve their dreams and make a positive change in their life.

Referenties

Max Felis
max.felis11@gmail.com
+31 6 23705203

Employed as:
Full-stack web engineer & Scrum master.
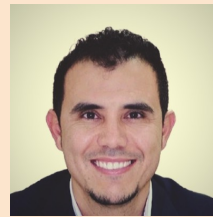
Core description about Tristan:
The way you can explain things and give feedback is really strong. Additionally, you have a passion for helping people.

Quote:
"At my workplace, we need you."

Mohsin Assaban
massaban@avansplus.nl

Employed as:
Lecturer & Researcher at {Confidential} University of Applied Sciences

Core description about Tristan:
I can imagine that juggling a bachelor's degree, a full-time job, and a family (especially in your situation) is not the easiest combo! Hang in there, always remember why you chose this path, and above all, be proud of yourself! It's always a pleasure to read your work. It's consistently neat and detailed. Truly great work!
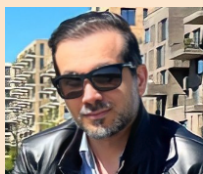
Quote:
"It's a pleasure to experience how motivated you are."

Dr. Mohsen Kakavand
mkakavand@avansplus.nl
mob: +31 685046031

Employed as:
Technical Consultant, Ph.D., Senior Member IEEE, CEI, CEH, CHFI, Senior Lecturer in Cybersecurity & ICT

Core description about Tristan:
I'm thrilled to see the results you've achieved so far and how you've grown personally.
Your proactive approach in researching opportunities shows your determination. Keep up the fantastic work, and I'm confident you'll find the right company to invest in you.

Quote:
"Your enthusiasm and dedication towards the innovation in your product are truly commendable, and makes a valuable contribution to society. "

Tristan takes charge of his own professional development and is proactive in acquiring new knowledge and skills.

He's curious and willing to explore new technologies, tools, and concepts.

He actively seeks out relevant information from various sources, such as documentation, tutorials, online courses, and other learning resources.

Tristan is also capable of applying his learning in practical situations. He applies the knowledge and skills he's gained in real-world projects and scenarios. He seeks out challenges and is willing to step out of his comfort zone to further his learning process.

⬡ Project experience

Twinternet: MijnTPW — 2 - 2023 t/m present

Goals:

Development and maintenance of a web portal where companies can log in using eHerkenning to securely and efficiently submit, consult, or modify their data, such as A1 applications (insurance for employees working abroad).
The development and modernization of an older application, where a transition was made to implement 'Best Practices' along with Spring Boot. I contributed to developing a more maintenance-friendly structure. By introducing Spring Boot and other technologies, I've brought about an internal overhaul of a government application that can be considered up-to-date with the latest technology standards.

Core Tasks:

Full Stack Development and maintenance of a Java Spring Boot Application.
Contributed to the implementation of services, business logic, and maintenance. Integration of a Spring Boot application with a traditional, legacy Cobol environment, utilizing a DB2 database and a Document Management System (DMS) for automated processing of forms submitted by companies.

Technologies:

Maven, Spring, Spring(Boot), Spring MVC, Spring Web, 'Spring JPA' Lombok, Mapstruct, 'Spring Thymeleaf', DB2, Bootstrap, HTML, Git, Bitbucket, 'IntelliJ IDEA', Liberty, Open Shift, 'AxW', DMS, JSON, SOAP, Teams.

MijnSVB.nl — 10 - 2022 t/m present

Goals:

Maintenance of a web portal where citizens can log in using DigiD to securely and efficiently access, consult, or modify their data. The overhaul and modernization of an outdated system involved a transition to implement 'Best Practices' and focus on a more maintenance-friendly structure. This was achieved through the use of Spring Boot's auto dependency management and the introduction of other technologies. These updates have brought an internal 'My Environment' for the government up to the most current technology standards. Throughout this process, the focus has been on working alertly and purposefully to avoid 'second system syndrome.

Core Tasks:

Development and maintenance of a Java Spring Boot Application.
Contributed to maintenance and compliance in security. Integration of a Spring Boot application with a traditional, legacy Cobol environment, utilizing a DB2 database and a Document Management System (DMS) for automated processing of forms submitted by citizens.

Technologies:

Maven, Spring, Spring(Boot), Spring MVC, Spring Web, 'Spring JPA' Lombok, Mapstruct, 'Spring Thymeleaf', DB2, Bootstrap, HTML, Git, Bitbucket, 'IntelliJ IDEA', Liberty, Open Shift, AxW, DMS, JSON, SOAP. Microsoft Teams.

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TASHA
ACCESSIBILITY SUPPORT A.I.

TASHA Accessibility Support A.I. — 6 - 2023

Goals:

This project analyzes and explores the applications and potential benefits of emerging tech trends such as Artificial Intelligence. The focus is on one specific trend, namely Artificial Intelligence (AI), and examines its scopes, applications, and challenges.

Core Tasks:

Exploring trends and innovations. By harnessing the power of advanced voice recognition and natural language processing, our AI system empowers users to effortlessly navigate the web and access online content using only their voice commands. This breakthrough innovation opens up a world of possibilities, providing a truly inclusive web browsing experience for everyone, regardless of their reliance on visual interfaces.

Technologies:

Voice Recognition and Natural Language Processing as AI-driven Solutions, Webscraping, SEO, Accessibilty, Machine Learning.

Jekyll Websites — 3 - 2023 - present

Goals:

Development of websites for clients or for my personal development. For example, setting up showcase pages for trendy companies. For my own growth, among other things: Structuring the knowledge, notes, and technical insights I've gained during my learning journey as a Java Developer into a well-designed blog that offers extra functionality when it comes to searching and navigating. Treating each document as a blog with the appropriate front-matter and good styling.

Core Tasks:

Website development

Technologies:

Jekyll, Ruby, HTML, Markdown, Git, 'IntelliJ IDEA', GitHub Pages, Git Actions, Workflow, CI/CD, CLI.

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JAVA Web App— 10 - 2022

Goals:

Exploring Spring (Boot) with Thymeleaf. In this Java Spring Boot and Thymeleaf tutorial, developing a simple Java web app using Spring Boot MVC, Thymeleaf templating engine, Mybatis, and H2 in-memory database.

Core Tasks:

Developing a Java Spring Boot Webapp

Technologies:

Maven, Spring, Spring(Boot), Spring MVC, Spring Web, Lombok, Thymeleaf, H2 database, Bootstrap, SQL, HTML, CSS, Git, IntelliJ IDEA

jQuery TODO poc— 10 - 2022

Goals:

Creating a simple HTML, CSS page with JavaScript functionality using the jQuery library. This is to familiarize myself with the powerful features of the library and the time-saving benefits of not having to develop existing best solutions from scratch. The result is improved personal effectiveness and time management.

Core Tasks:

Developing an interactive TODO list, support for 'GTD' methods

Technologies:

HTML, CSS, JavaScript, jQuery, Git, 'IntelliJ IDEA'

Ruby Website — 2 - 2023 - 3 - 2023

Goals:

Developing a standard website for informational purposes for a small retail business with 4 branches. Setting up a solid landing page with easy maintenance. Focused on development for all devices and orientations.

Core Tasks:

Developing a website using Ruby

Technologies:

Jekyll, Ruby, HTML, Markdown, Git, 'IntelliJ IDEA', GitHub Pages, Git Actions, Workflow, CI/CD, CLI.

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JAVA REST API — 6-2022

Goals:

Learning how to set up a RESTful API, focused on managing data and roles within an organization. Essentially a CRUD operation. Injecting a repository and wrapping it with a web layer. Thanks to Spring Boot, there's minimal infrastructure to develop, allowing focus on actions. Getting acquainted with Java 17, Spring, Spring Boot, Spring MVC, Maven, and IntelliJ IDEA.

Core Tasks:

Research, applying learned knowledge in practice by writing scripts and testing them through a terminal. Code reviewing and bug fixing.

Technologies:

JAVA 17, REST, Spring, 'Spring initializr', Spring Boot, 'Spring MVC', 'Spring HATEOAS', Maven, 'IntelliJ IDEA', Git

PHP Profanity checker web app — 9-2021

Goals:

Developing a web app that checks text for profanity and correct use of capitalization. If a sentence doesn't start with a capital letter, correct it. If vulgar words are present in the text, replace them with friendly words.
Display the improved text on the screen, limited to a maximum length. Eventually, count the number of profanities and the number of capitalization errors and display both. Calculate the number of profanities that were present and express it as an average percentage.

Core Tasks:

Script writing, algorithms implementation and testing

Technologies:

HTML, PHP, MAMP, Git, 'IntelliJ IDEA'

PHP JavaScript Basic Webshop— 7-2021 - 9-2021

Goals:

Developing an online store. There should be a Home page, an Order page, and a Contact page.
The Order page allows users to see the ordering menu and place an order, after which an overview of the order is displayed. Subsequently, payment details can be entered, and finally, the payment is confirmed.

Core Tasks:

Develop a webshop

Technologies:

HTML, CSS, JavaScript, PHP, MAMP, Git, VS Code

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GO Bookstore CRUD API— 6-2022

Goals:

Developing a CRUD API for a Book Management System based on Golang and MySQL. Setting up a personal web server to have access to a UI for driving Postman methods to test methods.

Core Tasks:

Setting up a basic web server, CRUD API, and a maintenance program for a book collection, as well as setting up a basic webpage.

Technologies:

GO, MySQL, Postman, Power Shell, Git, VS Code

Flappybird in Python, Game— 5-2022

Goals:

Hello World! in Python, but with a twist. Reconstructing a once-popular game app. Graphic design based on DOOM.

Core Tasks:

Programming a 'py.script' and building an executable.
Graphic design, as this Flappybird has a 'DOOM' theme.

Technologies:

Python, pygame, terminal, Git, VS Code, 'paint.NET'

Portfolio website — 5-2022 - present

Goals:

Creating a comprehensive portfolio to present Tristan Arts as a programmer.
Starting from an empty .txt file to a complete static website and interactive classes with JavaScript.

Core Tasks:

Static Website development, formatting and styling, publishing.

Technologies:

HTML, CSS, SCSS, JavaScript, Git, GitPages, VS Code, IntelliJ IDEA

D&D Random NPC Generator, Tool— 2020 - 2023

Goals:

Developing a web app where a paragraph of text is generated with a single mouse click. This text is constructed using many variables and arrays in classes so that each click creates a unique story. The story is a string displayed via templates. It describes a character in English as it might appear in publications by Wizards of the Coast, taking into account licenses and sources.

Core Tasks:

Setup and formatting of the website, writing and developing algorithms, testing, bug fixing. Incorporating user stories. CI/CD.

Technologies:

HTML, Tailwind CSS, JavaScript, Git, Webpack, render, IntelliJ IDEA

PHP Blogs and Pages CRUD API — 9-2021

Goals:

OOP CRUD-API with database and login.

Core Tasks:

Develop a website where you can maintain blogs and multiple pages. Create, add, delete, and read content.

Technologies:

HTML, CSS, PHP, MySQL, MAMP, PHPmyAdmin, Git, MVC

C# CRUD Onderhoud systeem — 6-2021

Goals:

Creating a maintenance system for a bakery. The capabilities to CRUD (Create, Read, Update, Delete) Employees, Customers, Products, and Orders. Secured with login.

Core Tasks:

Development of a C# Terminal App

Technologies:

C#, Visual Studio 2019.

Job experience

SVB, Amstelveen — *Software Engineer Java Developer* 2022-2023

Goals:

The expansion of the Web Channels Strategy Team for the construction and management of web applications such as svb.nl and MijnSVB, where we are moving towards a new, future-proof, 'state-of-the-art' platform. The main goal is to rebuild old programs using new and current technological developments, thereby improving performance, enhancing code quality, and reducing footprint. In short, renovation of outdated software that integrates and communicates with a COBOL mainframe.

Core Tasks:

Designing, building, and executing functionality and unit tests;
elaborating on technical solutions and documenting them;
providing support/consultation on functional and technical levels;
playing a role in the technical management of CMS and further developing the CMS itself;
keeping up with developments in my field;
Application consultant;
Regularly comparing my insights with those of colleagues.

Technologieën:

Java 8+, IntelliJ, Maven, Spring(boot), Lombok, Mapstruct, Git, CI/CD, HTML, CSS, JavaScript, JSON, jQuery, Jenkins, Bitbucket, cloudplatformen, Dynatrace, Splunk, Bootstrap

RED TRADE, Venray— *Projectleider / Schrijver* 2021

Goals:

Selling products, warehouse shelving, stocks, and goods purchased from assortment changes, overproduction, remainder lots, or bankruptcies.

Core Tasks:

Managing B2B and B2C auctions, writing lots and ads. Studio photography for eCommerce Ads.

Technologies:

Office 365, HTML, CSS, PHP, Teams

Logistics, Netherlands— *Allround* 2011- 2021

Goals:

Fulfilling organizational and operational tasks in warehouses and distribution centers, while working with established organizational processes.

Core Tasks:

Among others; Leading, handling customs documents and conditions, Quality Assessment, Communication with carriers, Warehouse and inventory management, Contributing to teamwork and production processes for smooth operation, Managing internal transport processes.

Technologies:

Navision, SAP (WMS), Office 365, forklift, reachtruck, high-racker

Side Activities

Freelance Developer, Programming— *Full Stack* since 2013

Goals:

Programming interactive dynamic websites and apps. Personal development and active learning of new technologies. Practicing technical insight and increasing the ability to think in structures and patterns. Continuously working on investigative skills.

Core Tasks:

Creating websites, formatting layout, implementing features, functions, and dynamic functionality.

Technologies:

Java 17+, GitHub, GitLab, VS Code, Composer, MAMP, XAMPP, Docker. Visual Studio 2019, 'MySQLWorkbench', PHP, GO, HTML, CSS, JAVA, IntelliJ IDEA.

Text Writer, Online — *Copywriter / Author* 2020 - present

Goals:

Freelance creative writer for web blog content, newsletters, landing pages, 'product reviews,' and descriptions. Basic SEO and SERPs. Category texts and informational texts.

Core Tasks:

Conducting targeted research on subjects and then writing informative or persuasive texts in various forms.

Technologies:

Online marketing, Customer Retention, Sales, Creative Writing, SEO, Information Analysis, attention to detail, written skills.

TTRPG, Game Master— *Creative Director / DM* 2019- heden

Goals:

Being a Dungeon Master for a group of people in a fantasy role-playing game. Always focused on being creative and imaginative. Rarely lacking inspiration in doing so.

Core Tasks:

Timely and accurate response to complaints and conflicts.
Quality assurance of products and services.
Research and documentation of exploits, bugs, and other issues.
Creating, planning, and implementing innovative games.
Coordinate with various teams to achieve milestones within deadlines.
Manage game activities and report game status.
Analyze player feedback and suggestions for continuous improvements to the game.

Technologies:

DMG, PHB, MM, Roll20, DnDBeyond, Homebrew, FightClub5e

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Education

AVANS+ Hogeschool, Amsterdam — 2021 - 2023   avans+   HBO

Modules:

Back-End (PHP), Front-End, JavaScript, Databases, C#, Data Science & Power BI (DAX), Datawarehousing & BI, Blockchain (Python), Cyber Security, Trends & Innovatie, Thesis (Java)

Competencies:

Professional craftsmanship, Collaboration, Learning ability, Communication skills, Investigative skills, Professional ethics and societal orientation.

BIT-Academy, Amsterdam — *Certificaat* 2021   bit academy   MBO

Full Stack Web Development: HTML / CSS, PHP, JavaScript

MBO, Venlo— *MBO* 2000- 2001

MAVO, Venlo — *Secondary Education* 1997- 2000

Languages   *1-5 (1 poor/ 5 fluent)*   Speaking   Writing

	Speaking	Writing
Dutch:	5	5
English:	5	5
German:	4	3

Courses

Course	Year
Introducing Maven	2023
Spring: Spring Data 2	
Agile Project Management with Jira Cloud: 1 Projects, Boards, and Issues	
Spring: Spring Security	2022
Learning spring with Spring Boot	
Java Course - Sololearn	
PHP Course - Sololearn	
Introduction to Python and Numpy - Datacamp	

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AI Visuals [Power BI]	
Agile zoals het bedoeld is	
Whiskykennis voor horeca professionals	
Back-End Development - NL Leert Door	2021
Databases - NL Leert Door	
Front-end development - NL Leert Door	
HTML Essentials	
Web Programmeren: Wordpress, MYSQL, Javascript, HTML / CSS - NL Leert Door	
DISC Persoonlijkheidstest - NL Leert Door	
'Blogs & Columns Schrijven' - NL Leert Door	
Timemanagement - NL Leert Door	
Persoonlijke Effectiviteit - NL Leert Door	
Reachtruck Certificaat	2019
Apply Yourself to Reading and Teaching: Educating.	2018
Reachtruck Certificaat	2014
HTML en CSS, Pearson Education Benelux (HBO)	2013
PMT: Medewerker Luchtvracht	
EVO Logistieke Opleiding: Heftruck & reachtruck	2012
Vertegenwoordiger & gesprekstechnieken; 177e Pioniers Klas	2008
EVO Logistieke Opleiding: Categorie 5	2006
Theocratische Bedieningsschool: Onderwijs Bekwaamheden	2002

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