Janu Lingeswaran

+49 157 584 758 55 | janu@lingeswaran.com

EDUCATION

2023 - 2024	**Rheinisch-Westfälische Technische Hochschule Aachen** MSc Computer Science
	· Expected completion in August 2024
	· Seminar paper: "Gaze Interaction in Medicine" - Post Desktop Interfaces
2014 - 2023	**Rheinisch-Westfälische Technische Hochschule Aachen** BSc Computer Science
	· Expected completion in August 2023
	· Bachelor thesis: "A tool for self-assessment and assessment of teamwork"
	· Seminar paper: "Cross-device interactions" - Interactive Surfaces and Spaces Pro
2008 - 2014	**Pascal-Gymnasium, Grevenbroich** Abitur
	· Oral final examination in computer science taken

PROFESSIONAL/PRACTICAL EXPERIENCE

Since 05.2023	**Working Student Implementation Consultant, e-dynamics GmbH, Aachen**
	· Installation, Installation, monitoring and configuration of software and IT infrastructure
	· Development and application of digital analytics tools and frameworks
	· Programming in various languages, including HTML, CSS, JavaScript, Python, C#, PHP and Java Internet of Things
	· Integration of data from multiple backend systems using API interfaces
01.2023 – 04.2023	**Working Student Software Development, Velocity Mobility, Aachen**
	· Java Spring Boot
	· Internet of Things
07.2021 - 10.2022	**Working Student Data-Engineering, Küchenheld, Cologne**
	· Technical support of the Analytics Team
	· Development of database connectors for the Küchenheld data archive (Python)
	· Preparation of analyses for the business development team
10.2020 - 03.2021	**Software Internship - Resilience Engineering of Software Landscapes, KISTERS AG and RWTH Aachen University, Aachen, Germany**
	· Final grade: 1,0
	· Development of a tool that automatically stress tests a software landscape (Java)
	· Visualization of the results in a dashboard (HTML, CSS, JavaScript)
10.2016 - 02.2017	**Internship System Programming, RWTH Aachen University, Aachen**
	· Microcontroller programming (ATMEGA)
	· Development of an operating system on a microcontroller
	· Implementation of, among others, stack, scheduler, heap, scheduling strategies and memory
06.2012 - 07.2012	**Internship - Software Development, wysiwyg* Software Design GmbH, Düsseldorf**
	· Development of a web application to manage events for store managers for the client Esprit (PHP, HTML, CSS)
	· Creation and integration of a database connection for the web application (MySQL)

SKILLS AND INTERESTS

Languages	German (Mother tongue), Englisch (Fluent), Tamil (Mother tongue)
Technologies	Python, JavaScript (React, Node.JS), PHP, Ajax, Java, SQL, HTML, CSS, MongoDB
Certificates	Design Thinking in a Nutshell (SAP), Build Better Products with a Human-Centered Product Backlog (SAP), Back End Development and APIs (freeCodeCamp), JavaScript Algorithms and Data Structures (freeCodeCamp)
Honorary posts	Inspirer for Python courses at schools, Hacker School, Hamburg (10.2021 - 09.2022)
	International Student Mentor, BeBuddy RWTH Aachen University, Aachen (07.2022 – 01.2023)
	Course instructor at an elementary school, IT4Kids, Aachen (Since 09.2022)
Interests	Software development, martial arts (judo, boxing), meditation