



THARSIKA PAKEERATHAN SRIRAJAN

CURRICULUM VITAE

CONTACT

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SKILLS

- Microsoft Office Suite
★ ★ ★ ★ ★
- Astah
★ ★ ★ ★ ☆
- Java
★ ★ ★ ★ ☆
- Python
★ ★ ★ ★ ☆
- SQL
★ ★ ★ ★ ☆
- Trello
★ ★ ★ ★ ☆
- Power BI
★ ★ ★ ★ ☆
- Visual Studio (ASP.net & C#)
★ ★ ★ ☆ ☆
- Android Studio
★ ★ ★ ☆ ☆
- HTML/CSS
★ ★ ★ ☆ ☆
- Autodesk Inventor
★ ★ ★ ☆ ☆
- GitHub
★ ★ ★ ☆ ☆
- SAP
★ ★ ☆ ☆ ☆

PROFILE

I am an ambitious, well-structured, and responsible MSc in Engineering (Technology Based Business Development) graduate with a Bachelor in Global Business Engineering (specialized within ICT), currently doing my PhD. My key competencies are interdisciplinary understanding, communication, cooperation, and project management, as the focus of the education was on these aspects. Moreover, programming including working with databases, machine learning algorithms as well as SAP are also part of my core competencies. In addition, I am a person who likes to constantly develop myself and therefore I am always searching for new challenges. Among others, to learn the Danish language. As an international student with Tamil roots, Swiss citizenship and now living in Denmark for nearly nine years I am open-minded, communicative, and can understand cultural differences. In addition to that, I can say that my language knowledge in five different languages expands my communication ability even more.

EDUCATION

02/2020 – 01/2022: Aarhus University, Herning

MSc in Engineering in Technology-Based Business Development

Compulsory courses: Management of Technology, Technology Business Model Innovation, Optimisation of Engineering Processes, Advanced Operation Management, People and Technology in Organisations as well as project work. In addition, I had Machine Learning, Engineering Project Management, and Analytics for Decision-Making as elective courses.

Projects:

- Technology specialization 1: Breast cancer risk prediction using machine learning
- Technology specialization 2: Wind farm data analysis using machine learning techniques
- Master thesis: Uncovering the global trends within the wind energy industry using data analytics

08/2015 – 01/2020: VIA University College, Horsens

B.Eng. in Global Business Engineering with ICT specialization

The main focus of the education was on marketing, business and finance, communication (interdisciplinary as well as intercultural), object-oriented programming, database, web designing, computer networking, and project work. In addition, I had Web Engineering, Entrepreneurship, E-Commerce, Statistics, SAP, Android Development, and Project Management as elective courses.

Projects:

1. Semester project: Designing and marketing a staff transport device for industrial use
 2. Semester project: Entering the solar industry
 4. Semester project: Developing and marketing an overhead crane
 5. Semester project: Developing and commercializing a client/server system
 6. Semester project: Developing and commercializing a web application
 7. Semester Project: Personal competencies & communication
- Bachelor project: Implementing and commercializing a booking platform for caravan owners

08/2014 – 06/2017: Lærdansk, Herning

Danish lessons

07/2012 – 06/2014: University of Zürich, Switzerland

2 years of BA in Political science

08/2004 – 06/2009: Upper secondary school (Gymnasium) – Kantonsschule Kollegium Schwyz, Switzerland

Physics and Applied Mathematics program

CERTIFICATES

- ✓ SAFe 5 Agilist
- ✓ Grant for Bachelor Project
- ✓ Mentoring Diploma
- ✓ Danish Language
- ✓ European Computer Driving License (ECDL)

LANGUAGE

- ✓ Tamil (Native)
- ✓ German (Native)
- ✓ English (Proficient)
- ✓ Danish (Advanced)
- ✓ French (Intermediate)

LEISURE

I am married to Srirajan, who is a lecturer for social worker students at VIA University College in Holstebro. In July 2020, we became parents to our daughter Ananya, after which I went on a partly maternity leave for one semester. As it was important for me to finish my master's degree within the regular two years, my husband took the rest of the paternity leave. In my leisure time, I like to dance, and I am a trained Indian classical dancer. Further, I like to write and make videos about gender equality in Tamil. Other than that, I also love to teach children. Even though I first learned to cook Tamil food after I moved to Denmark, it has also become one of my favourite leisure activities.

WORK EXPERIENCE

- 09/2022 – present** **PhD-Fellow, Aarhus BSS – Aarhus University, Herning; Denmark**
My research focus is on examining the possibilities to enhance the site assessment process of wind turbine projects using machine learning techniques.
- 02/2022 – 08/2022** **Research Assistant, Aarhus BSS – Aarhus University, Herning; Denmark**
I was part of different research projects done at the Centre for Energy Technology (CET) and taught & supervised student projects at the BTECH department.
- 01/2019 – 01/2020** **Application Developer, Tick Cad Aps, Horsens; Denmark**
As an intern and thereafter student worker, I could develop a file management API that was an add-on to Autodesk Inventor.
- 08/2016 – 06/2017** **Student Mentor, VIA University College, Horsens; Denmark**
I was responsible to guide the new students through their first year of education.
- 01/2005 – 06/2014:** **Tutor, Schwyz; Switzerland**
Had the opportunity to give mathematics and German tuition to 1.-9. grade students.
- 01/2006 – 06/2014:** **Freelance Translator, Schwyz; Switzerland**
Was translating German to Tamil & Tamil to German, both orally and in writing.
- 01/2009 – 06/2014:** **Tamil Education Service Switzerland (Tamil native language school)**
I was the coordinator between the Tamil Native school and the Swiss public school and was also responsible for the administrative work.
- 06/2008 – 08/2008:** **Call Centre Agent, CosmaDialog, Bern; Switzerland**
- 06/2006 – 08/2006:** **Crew member, Mc Donald's Westside, Bern; Switzerland**

VOLUNTEER EXPERIENCE

- 07/2014 – present:** **Volunteer, Tamilshome; Denmark**
Research about social problems among the Tamil society and social activities based on the findings.
- 06/2011 – 05/2014:** **Volunteer, Society for Threatened People (NGO); Switzerland**
Was in charge to plan and organize different campaigns and workshops.
- 04/2010 – 12/2013:** **President, Swiss Council of Eelam Tamils; Switzerland**
Had the responsibility to coordinate and organize projects and activities in connection with the integration of Tamil people in Switzerland and their political issues in their homeland.
- 06/2013 – 11/2013:** **Volunteer, Amnesty International; Switzerland**
Was in charge to plan and execute workshops at high schools and colleges about the migration of Tamils in Switzerland and torture in Sri Lanka.

REFERENCES

- Martin Olsen, Associate Professor, My PhD Supervisor**
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- Peter Enevoldsen, Associate Professor, My PhD Co-supervisor**
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- Torben Tambo, Head of Program**
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