

# Curriculum vitae

## PERSONAL INFORMATION

### Kannan Ganesan



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Sex Male | Date of birth 14/05/1996 | Nationality Indian

## EDUCATION AND TRAINING

### 01/10/2018–Present Masters of Communication and Media Engineering

Hochschule Offenburg University of Applied Sciences, Offenburg (Germany)

Main subject Includes: Communication Networks, Computer Science, Digital Communications, Embedded & Industrial Networks, Internet & Media Technologies, Media Integration, Mobile Communications, Multimedia and Web Technologies, Online Databases and Signals system.

Other Subjects Includes: Optical Networks, Project Management, Project Work, Quantifying the Effects of Media, Ubiquitous Applications, Wireless Communication, Advanced Digital Signal Processing, Language Management Skills, Master Thesis, Media Design & Guided Waves.

### 08/2013–05/2017 Bachelors in Electronics and Communication Engineering

Velammal Engineering College, Chennai (India)

Main subjects includes: Computer Programming, Electronic devices, Control Systems, Circuits and Devices Laboratory, Object Oriented Programming, Data Structures, Digital Electronics, Signals and Systems, Electronics Circuit, Communication Theory. ElectroMagnetic Fields, Linear Integrated Circuits, Digital Signal Processing and Digital Communication.

## Academic Projects

### Master's Project:

Master's project: Conception and Realization of Web Based Application For Home Automation and Security Using Arduino and Node Mcu.

### Bachelor's Project:

AN UPGRADED PENTA MTJ BASED COMBINATIONAL & SEQUENTIAL CIRCUITS.

Advanced computing systems embed spintronic devices to improve the leakage performance of conventional CMOS systems. This project presents a PentaMTJ-based logic gate, which provides easy cascading, self-referencing, less voltage headroom problem in precharge sense amplifier and low area overhead contrary to existing MTJ-based gates.

## WORK EXPERIENCE

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- 01/06/2020–Today. Master Thesis (Software Development)  
LS Telcom, Germany  
Master thesis title: Development of a White-Label Web Portal with embedded Web CMS using a Content- API Driven Approach for Spectrum Management Vertical.
- 01/03/2020–31/05/2020 Internship (Software Development)  
Department: System solutions  
LS Telcom AG,  
Lichtenau, Germany
- 01/07/2018–09/09/2018 **Associate software Engineer**  
TechMahindra Limited, Chennai (India)
- Experience in Automation testing domain for client Rogers canada.
  - Undergone rigorous Freshers Elite training in various Software platform (Java,Databases,Software programming,etc).
  - Writing Test cases for different process scenarios.
- 03/06/2017–03/06/2018 **Catalog Associate**  
Amazon Development Centre, Chennai (India)
- Contributing to ensure that the Amazon websites content is accurate and up to date and also investigating and help resolving various problems that appears on the supply chain to improve the inventory health.
  - Populating and working on content for the product web pages on the Amazon websites by using HTML and CSS.
  - Interacting and coordinating with vendors and manufacturers to help ensure a smooth data flow.
- Various tools used for WWCR to reduce customer returns:**
- Media central-Business, Dr Skew, Selection central tool, ALASKA, Vendor central tools also use SQL and Linux to build strong database to reduce errors and minimize customer issues/returns.
  - Trained interns to adapt to the work culture and understand Amazons 13 leadership principles.

## PERSONAL SKILLS

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Mother tongue : Tamil.

Other Languages(s): English (C2),German (A2).

- Communications skills**
- Good communication skills gained through my experience as Catalog Associate.
  - Awarded by university of Cambridge in Business English Certificate Preliminary.

- Organisational/managerial skills**
- Coordinate technical event Greek Speak (paper=presentation) in I NNOWIZ2K15 (anational level technical symposium).
  - Represented for ECE department in the finals of creative Art in SANKALP 2014, a cultural competition.

- Job-related skills**
- Skill full with Java, C, C++, Groovy.
  - Good Knowledge in web development using of HTML, CSS, Javascript and Bootstrap.
  - Good Knowledge of DBMS such as MYSQL and programming languages such as SQL.
  - Experienced in working with IDE and tools such as IntelliJ (IDEA), Eclipse, MS-Office.

- Good command of working on Unix, OS X and Windows operating system.
- Basics of PHP.
- Worked with different content management system tools like Gentic mesh UI, Wordpress, Silverstripe etc.
- Experience with agile methodologies(scrum) and project management tools (Jira, Git).
- Placed in Overall grade A by Computer Education (CIT) in MS-Windows, MSOffice, C, C++, HTML in the year 2012.
- Completed a certificate course on Embedded Systems (Aurdino) in One Yes Technologies in the year 2015

#### ADDITIONAL INFORMATION

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**Hobbies :** Browsing, listening to music, and upgrading my vocabulary.