

# Shilvan Tavares

Software Developer

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## Summary

I started to code to use an Arduino board on an electronic project around 2014, and I've been learning and developing software ever since. My favourite part is coming up with different approaches when problems appear.

## Skills

- **Front end:** Html, Css, Javascript.
- **Back end:** Python, C#, Postgresql.
- **Devops:** Linux system administration, Vagrant, Docker, Git.

## Projects

**01 - Arduino Massage Chair:** From electronics to programming.

A chair with motors on the backrest that activates in intervals and changes speed to create different experiences.

- Learned the basics of C++ to use the Arduino IDE on Coursera and YouTube.

**02 - C# Calculator:** Learning C#.

An app that uses regex for string manipulation and coded mathematical order and operations to calculate user entries.

- Used Pluralsight courses, to learn the basic concepts, best practices...
- This project instilled discipline in me, I used to learn c# before college at 6-7 am.

**03 - Appointment WebApp:** Full stack development.

A website that allows clients to book appointments, and employees to manage them.

- Learning Resources:
  - Web dev: Learning Web App Development by Semmy Purewal.
  - Python: Flask tutorials on Youtube.
  - Database: learned the basic concepts in college using Microsoft Access and then Postgres on Youtube.
  - Devops: studied for the Lpic certification on Linux Academy.
- It taught me to manage and organise a project better, from setting tasks and documenting the process on Jira and Google Keep, to version control with Git.

## Interests

**Sports:** Determination, Consistency and Collaboration.

- I have been playing collective sports since I was a kid and I love working towards the same goal with other people, although I also like having responsibilities and figuring things out by myself.

**Filmmaking:** Creativity and Management.

- Creating stories helps me to organize my thoughts and improve my communications skills, and from writing, creating a storyboard, directing actors to getting the final results requires extensive planning that has helped me to manage other projects.

**Design:** Making things appealing.

- I enjoy learning about design and what makes things visually pleasant, from interior design, graphics to fine arts, and every now and then I try concepts of my own.

**Reading:** Acquiring knowledge.

- I enjoy reading to deepen my knowledge in different subjects, I normally read biographies of successful entrepreneurs and other topics of my interest.

## Education

- Computer Science BSc student at Ljmu.
- Linux LPIC certification.
- Salford City College.