

Gruian Adelin



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ABOUT ME

Enthusiastic software developer with fundamental knowledge of software design, development and testing. With a strong interest in web development, I am using Python and Flask to create back-end applications.

Worked on personal projects, some of which would be:

- An online dress shop with stock management and payment integration
- A blog webpage with authentication, comments section and admin user.
- An individual "To Do" list with authentication.

During my previous employment in the automotive industry as a Quality Engineer I have grown a strong set of soft skills that can aid me as a software developer.

PROJECTS

The DRESS — Online dress shop

An online shop with an admin panel, stock management, and payment integration.

Items can be viewed and added to the shopping cart, before the check-out, shopping cart can be modified.

Back-end manages stocks available for each dress and size.

Payment integration with stripe.

Admin can add new dresses or modify the available stock for the existing items. Admin can also view confirmed orders.

My journey — A blog

A blog with a predefined power user that can post, edit, delete posts and authentication for additional users for commenting.

During this project I have learned alot about passwords, and how they need to be stored.

I have also created different types of users, with different permissions on the webpage. Only the power user can add, edit or delete posts on the blog, the rest of the users can only view the posts and add comments to them.

Your TO-DO — A to-do app

A to-do list with options to add, edit or delete tasks. Each user has his own to-do list accessible after authentication.

At first it was just a to-do list stored in a database. I have built upon that and also created a basic authentication for the todo list in order to have multiple lists under multiple users.

After learning about password storing I have also implemented better password storage using hashes.

TECHNOLOGIES

Python
Flask
HTML5
CSS3
Bootstrap 5
SQLite
BeautifulSoup
Selenium

LEARNING

JavaScript
NodeJS
Django

OTHER SKILLS

Detail Oriented
Self Motivated
Active Learning
Problem Solving

LANGUAGES

Romanian
English
Hungarian

PREVIOUS EMPLOYMENT

Purem by Eberspaecher, Oradea — ***Program and Customer Quality Engineer***

DECEMBER 2019 - PRESENT

I currently work at Purem by Eberspaecher, a company present in the automotive industry, building exhaust systems. I participate and take actions in new projects for the quotation phase. Some of my main activities here are:

- Manage and lead ANPQP process for new and existing projects on production site and in customer portals (PSA, Renault)
- Follows the performance of audits and the implementation of corrective actions
- Use action plans and due dates to ensure completion of corrective and preventive actions
- Coordinates and follows the elaboration of the inspection and testing plan on product types
- Analyze and manage internal and external complaints
- Plan and moderate the 8D meeting to identify and eliminate the root causes of nonconform parts

Beside these activities, lately i tried to fulfill a more leading role and to share my experience with others by:

- Training and developing the quality team and offering support in the development for all other functions
- Leading and developing problem solving activities - 8D Methodology
- Leading improvement of Quality KPIs through systematic corrective actions. (Scrap, Layered Process Audit)

EDUCATION

University of Oradea, Oradea — ***Computers***

SEPTEMBER 2014 - PRESENT

University of Derby, Derby — ***Computer games programming***

SEPTEMBER 2012 - JUNE 2014

Colegiul national “Carmen Sylva”, Petrosani — ***Matematica-Informatica, intensiv Informatica***

SEPTEMBER 2008 - JUNE 2012