



# RENAN FERNANDES

03-11-1998

Application Development Engineer

## About Me

I have a high aptitude for technology in general, I have always learned quickly any technology I needed and have always tried to tinker with new technologies to find a better solution to a problem, it is what I love, my profession and my hobby. I've been working as a Cobol programmer for 6 years now, working as a programmer but knowing all the environment around me, database infrastructure, mainframe, linux & windows servers... Even though Cobol is an old language, I try to keep myself updated.

### LANGUAGE

- English (Advanced)
- Portuguese (Native)
- Spanish (basic) -
  - High Understanding

### EDUCATION

#### Computer Information Systems

Community University of Chapecó Region

**2018-Current** (Done 7/8) currently in a time off

### EXPERTISE

- Analytical Thinking
- Problem Solving
- Scrum/Scrumban/Kanban
- Agile
- Cobol Mainframe
- Cobol Non Mainframe
- Work Flow Language
- Clearpath Mainframe
- SQL - Basic
- Java - Basic
- DBMaker
- Indexed files, VISAM & JISAM
- DMSII
- Testing
- Linux
- Shell Scripts / Batch
- General Banking Knowledge
- Agricultural Cooperative & Industry General Knowledge
- Python - Basic
- Working with deadlines
- Azure DevOps
- Excel
- Requirements Management



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# EXPERIENCE

## 2018 - 2022 | Office

### G3Sistemas LTDA - Cobol Programmer / FullStack Developer.

- Develop and maintain an ERP system in the cooperative agro-industry area (Markets, fuel stations, factories, agriculture...)
- Cobol Developing
- Migration of file indexed data to the database DMSII
- Updating and maintaining the database
- Updating and maintaining the cobol environment
- Training Cobol Juniors
- Support, problem solving

I worked primarily as a Cobol programmer at G3 Sistemas and brought many technology upgrades to its system, but as a full stack developer I also worked with java as the Cobol system interacted with the java ERP.

## 2022 - Current | Remote

### Unisys - Application Development Engineer.

- Cobol Developing for the Project "Caixa" (Brazilian Bank) | 2023 - Current
- Cobol Developing for the Project "Volkswagen" (Argentina) | 2022 - 2023
- Software Testing, Support, problem solving, Development
- Agile

I have been working at Unisys as a Cobol Developer, currently at the project Caixa which is the second biggest bank in Brazil, in a short time I was able to be in charge of big updates in the project. Soon after I joined one of my coworkers left and my senior was diagnosed with cancer and had to leave for treatment leaving me as the only Cobol programmer left in that team filling the gap of someone with 39+ years of experience, there was a lot of work in progress and a lot more to be done but there was no much option, I could have done things anyhow just to have it done or do all I could, do overtime work, and if I didn't know something, find who does to get everything done in the best way possible to support my team. I know that chaotic situations like this can make one quit, but if you stay you will gain much more knowledge than you could if you tried in any other way, at the second quarter of 2023 my team received the best team of the quarter reward.

I did maintenance on the existing system and developed new systems and features. I worked heavily with code refactoring since many programs were done in the nineties, there was a lot to improve and indeed, many bombs ready to blow up there. Using Unisys cobol and Clearpath mainframe.

## PROJECTS

### Cobol Unity Testing - Unisys:

- Modified the cobol unit test project to run with unisys Cobol (Changed both java and Cobol to do so)
- Integrated it with Azure Devops to run from a pipeline and return a JUNIT
- Utilized Resource Monitor from OPCON as a trigger and WFL to run the unit test program in the mainframe

### LGPD - G3Sistemas:

Modified the whole system to be on par with LGPD (Brazilian General Data Protection Law)

### Migration of Indexed Files - G3Sistemas:

When I joined G3Sistemas 80% of the data was in file indexed format. After I took charge of it, when I left at least 80% of it was migrated to the database DBMaker.

### Unisys - Caixa Econômica Federal:

At Unisys I mainly worked in the project of Caixa, the fourth largest bank in Latin America. I worked developing, maintaining, documenting and updating the cobol code, I developed internal programs and the housing insurance system, both systems required a lot of interaction with the client and a good bit of reading/writing big files. I worked with a Senior for six months and after he left I took over the project as the only cobol programmer.