

Isaac Newton

Curriculum Vitae

Personal Informations

Name Isaac Newton Melo Machado
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Education

2014 - 2018 **Bachelor of Computer Engineering**, *Federal Univercity of Cear , UFC.*
2019 - **Master in Cloud Computing**, *Institute of Advanced Technologies, ISTECH.*

Professional Certification

2020 **Scrum Foundation Professional Certificate**, *CertiProf.*
2020 **DevOps Essentials Professional Certificate**, *CertiProf.*
2020 **AZ-900 - Azure Fundamentals.**
2020 **AZ-400 - Designing and Implementing Microsoft DevOps Solutions.**
2020 **AZ-204 - Microsoft Azure Developer Associate.**
2020 **Microsoft DevOps Engineer Expert.**
2020 **Professional Google Cloud Architect.**

Teaching

2016 Computational Programming discipline teacher - UFC
2017 - 2018 Databases and SQL discipline teacher - UFC

Research

Vision Computer
Serverless

Experiences

2020 - **Senior Software Engineer** , *Focus BC - Google Cloud Partner*.
Supporting GIS projects in several technologies.

Skills:

- Node/Nest.js
- Angular
- GCP
- Kubernetes
- Terraform
- GeoServer
- MQTT
- DevOps

2020 - 2020 **Full Stack Engineer** , *INOV INESC INOVAÇÃO©*.

In charge of full stack development and project architecture designer: database design, DevOps development, front-end development and back-end design and building.

Projects:

- YARIS

Skills:

- Node.js/Express
- MongoDB
- Angular 8/9
- Socket.io
- Docker and Swarm
- Apache Pulsar
- ELK
- Python
- HTML and CSS/SCSS
- Gitlab CI/CD

2018 - 2019 **Lead Software Developer** , *MagniFinance©*.

(2 years)

In addition to full-stack development, I was in charge of team management, sprint analysis and planning, code quality assurance and API support.

Projects:

- Invoicing SOAP API
- Migration a WepApp from OutSystems to new architecture in .NET
- Developing a new SaaS Service to company

Skills:

- Project management
- ASP.NET
- Angular.js
- SQL Server
- HTML and CSS
- TFS
- Azure

2017-2018 **Full-stack Developer** , 12 minutos©.

(4 months) I was in charge of configuration of cloud environment, database administration, back-end design and front-end development.

Projects:

- Social Networking for book lovers

Skills:

- Wordpress
- PHP
- MySQL
- HTML and CSS
- Python/CSV
- Linux/LAMP
- AWS

2016 - 2017 **Mobile Developer** , Codify ©.

(16 months) I was in charge of design, developing and publishing commercial applications in mobile platform.

Projects:

- Food delivery applications
- Medicine research database application

Skills:

- Ionic 2 Framework
- Native Script, React Native
- Angular 4
- Cordova
- HTML, SASS e TypeScript

2015 - 2017 **Research Collaborator in the Tutored Education Program - PET** , Federal University of Ceará.

(2 years)

Performed monitoring activities in programming, research and development of embedded systems and development of mobile and web in group projects.

Technologies used:

- Mobile - Android, iOS(Ionic)
- Python, Matlab
- Arduino
- SQL
- HTML and CSS
- C/C++
- PHP/Wordpress
- Bootstrap
- JavaScript, Angular, JQuery
- Node.js
- MongoDB

Skills

Beginner JAVA/Android, Kotlin, JPA, ELK, C/C++, React Native, NativeScript, AWS, PHP

Intermediate Python, \LaTeX , Linux, Bootstrap, Redis, WordPress, .NET Core, Apache Pulsar/Kafka, Postgress, Kubernetes, Terraform

Advanced Angular 8/9, Angular.js, JavaScript, Cordova, Ionic Framework , GIT, HTML, CSS/SASS, SQL, MATLAB, ASP.NET, C#.NET, SQL Server, Node.js, MongoDB, Docker, Swarm, Socket.io, Azure, GCP, Shell, PostgreSQL

Others Agile, Scrum, Git, TFS, SPA, MVC, SOLID, SOAP, REST, CI/CD, DevOps, Cloud Computing, Team Management

Languages

Portuguese **Native**

English **Professional**

Spanish **Basic**