

# Isaac Newton

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## *Curriculum Vitae*

### Personal Informations

Name Isaac Newton Melo Machado  
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### Education

2014 - 2018 **Bachelor of Computer Engineering**, *Federal Univercity of Ceará*, UFC.  
2019 **Master in Cloud Computing** , *Institute of Advanced Technologies*, ISTEC.  
[Complementary training](#)  
2015 **Image Processing / Pattern Recognition**, *Campinas State University*, UNICAMP.  
2015 **Python interactive programming**, *Rice University*, Coursera, Houston, USA.

### Teaching

2016 Monitor of the discipline of Computational Programming  
2017 - 2018 Database and SQL discipline monitor

### Research

Fields Vison Computer  
Full-stack Development

## Experiences

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
- MongoDB
- Angular 8/9
- Socket.io
- Docker
- Apache Pulsar
- HTML and CSS/SCSS
- Gitlab CI/CD

2018 - 2020 **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

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

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

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## Skills

Beginner	JAVA/Android, C/C++, React Native, NativeScript, Redis
Intermediate	Python, L <sup>A</sup> T <sub>E</sub> X, Linux, Bootstrap WordPress, .NET Core, Socket.io, Apache Pulsar/Kafka
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
Others	Scrum, Git, TFS, SPA, MVC, SOLID, SOAP, REST, CI/CD, DevOps, Cloud Computing, Team Management

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## Languages

Portuguese	<b>Native</b>
English	<b>Intermediate</b>
Spanish	<b>Basic</b>

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## Interests

- Work on large teams and projects.
- Learn new technologies.