Isaac Newton

Curriculum Vitae

Personal Informations

Name	Isaac Newton Melo Machado
Birthday	12/12/1995
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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.

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 (4 months)	**Full-stack Developer** , *12 minutos*©. 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 (16 months)	**Mobile Developer** , *Codify* ©. 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 (2 years)	**Research Collaborator in the Tutored Education Program** - **PET**, *Federal University of Ceará*. 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 ans 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, Boostrap, 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**