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 - 2021	**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

2021 -	**Backend Chapter Lead - Senior Backend Engineer** , *TUI*.

Design, lead and code scalable microservices architecture.

Skills:
- Node/Nest.js
- Microservices
- AWS, Docker, Postgress, Redis, RabbitMQ, Elastic Search, DynamoDB

2020 - 2021   **Software Engineer** , *Focus BC - Google Cloud Partner*.

(1 year)   Supporting GIS projects in several technologies with focus on DevOps and Back-end development.

Skills:
- Node/Nest.js, Angular
- GCP, Terraform, Kubernetes
- DevOps

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

(6 months)   Design and implementation of DevOps strategy and project architecture: database design, DevOps pipelines, front-end development and back-end architecture and coding.

Projects:
- YARIS

Skills:
- Node.js/Express, MongoDB, Angular 8/9, Socket.io, Redis
- Docker and Swarm
- Apache Pulsar, ELK, Python
- 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, DevOps, code quality assurance and API support.

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

Skills:
- ASP.NET, SQL Server
- Angular
- HTML and CSS
- Azure DevOps

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
- HTML, SASS e TypeScript

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

(2 years)   *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
- HTML and CSS
- C/C++, PHP/Wordpress
- JavaScript, Angular, JQuery, Node.js, Bootstrap
- MySQL, MongoDB

Skills

Basic	JAVA/Android, Kotlin, JPA, ELK, C/C++, React Native, NativeScript, PHP, Python, LaTeX, Boostrap, WordPress, MATLAB
Advanced	Shell, TypeScript, Nest.Js/Node.js, c# .NET, Angular, Ionic Framework, HTML, CSS, SQL, SQL Server, MongoDB, PostgreSQL, Apache Pulsar/Kafka, RabbitMQ, DynamoDB, SQS, Docker, Swarm, Kubernetes, Terraform, Azure, GCP, AWS
Others	Microservices, DDD, Design Patterns, DevOps, Cloud Computing, Team Management, Serverless, Geolocations/Realtime/Event/Scalable Systems, Agile, Scrum, Linux, Git, SPA, MVC, SOLID, SOAP, REST

Languages

Portuguese	**Native**
English	**Professional**