

# Pietro Zanetti

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## Skills

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- C# | .NET | C++ | C | Python | MSSQL | NoSQL | Git | XUnit | Unit Testing | Angular | Flutter | HTML | CSS | JavaScript | TypeScript | React | Vue.js | Axios | OOP | Microservices | Frontend | Backend | Full-Stack | Docker | Kubernetes | Embedded System | ARM | English, Portuguese, Spanish – All professional proficiency or above

## Experience

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### Software Engineer, Intern

#### Concert Technologies

Belo Horizonte, Brazil

07/2021 - Current

- Participated in the development team of three projects: Sintropie, Parafuso Inteligente and PNT. Involving continuous pull requests, code reviews, load/stress testing, unit/integration/e2e testing
- **Sintropie:** Rewrote the entire application from Java to **C#** using **.NET, Entity Framework, Angular and PostgreSQL**, working closely with other developers and the customer to understand of new features, dependencies and technical details
- **Parafuso Inteligente:** Implemented mobile front-end using **Flutter**
- **PNT:** Learned the intern technologies and methodologies and solved small bugs of the application

### Undergraduate Researcher, Scholarship Student

#### Wireless Networks Lab/UFMG

Belo Horizonte, Brazil

12/2020 - 12/2021

- **QoE-Oriented Cloud Service Orchestration:** Acquired HL S data and implemented machine learning algorithm using Python, Docker, Kubernetes, Grafana, Weka, Scikit-Learn and WebDriver

### Software Engineer, Intern

#### TCS Industrial

Belo Horizonte, Brazil

07/2020 - 12/2020

- Implemented applications of MaterDei system, one of the biggest hospital network around Brazil using **JavaScript, Vue.js, Sequelize, Axios, BootstrapVue, PostgreSQL and MongoDB**
- Continuous pull requests, code reviews, load/stress testing, unit/integration/e2e testing

### Undergraduate Researcher, Volunteer Student

#### DCC/UFMG

Belo Horizonte, Brazil

10/2020 - 12/2020

- **Linguistic Deviation Correction:** Created an extense database with linguistic deviations and implemented neural networks for natural language processing

## Education

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### Electrical & Computer Engineering

#### Federal University of Minas Gerais

Belo Horizonte, MG,  
Brazil

01/2018 - Current

- Major in Electrical and Computer Engineering