

# DAVIDE GHIOTTO

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## CURRICULUM VITAE

### CARRIER PROFILE

Full Stack Developer with 30 months of experience implementing custom Angular/Vuejs Web Applications and core Java microservices, for large scale use in the banking sector and for certification authorities companies. Developed reusable components and effective models to keep the pace with continuous delivery of high quality products. Managed a massive database migration activity.

Core competences include: Angular, Vuejs, Java, Node.js, web API, TypeScript, Firebase, JavaScript, SQL, MySQL, Oracle, MongoDB, Spring, Git, HTML, CSS, Sass.

### EXPERIENCE

**Namirial** **October 2021 to present**

*R&D Developer*

Full stack R&D developer building cross-platform applications with Vuejs 3, Electron and .Net.

**Zucchetti S.p.A**

**April 2021 to July 2021**

*Data Scientist*

Built an online interactive platform for the introduction of data science topics inside the company. Developed custom algorithms for time-series analysis and unsupervised learning

- Organized the architecture for a wide online library of machine-learning algorithms implemented in JavaScript
- Developed custom machine-learning algorithms for time-series analysis and unsupervised learning, targeting the specific problems of the company

**Reply S.p.A - Cluster & Core Financial Services**

**Nov 2019 to Oct 2021**

*Full Stack Developer & Database Manager*

Developed complete Angular Web Applications, integrated with *backend* Java API, in a microservice oriented architecture, in order to build a large scale platform capable of handling the complexity of financial services world.

Managed a massive database migration to a SQL Server environment.

Implemented high quality code to speed up further developments in a continuous delivery environment.

- Created a generalized conceptual model to efficiently handle user interactions and data flow leading to an uniformed solution capable of avoid potential error situations and repetitive work
- Implemented a decentralized error handling strategy to avoid single point of failure with an increased reliability of the system
- Improved data retrieval time through careful analysis and optimization of database's requests along with asynchronous *client-side* code

### PERSONAL PROJECTS

**Atoma World Project**

**October 2021 to present**

*NFT-based game*

Developed a startup project based on NFTs called **Atoma** which architecture is organized as follows:

- *Frontend*: Angular Webapp hosted by Firebase with CI thanks to Github Actions
- *Backend*: Nodejs Express Server hosted on Heroku for the REST API
- *Smart Contracts*: C++ smart-contracts deployed on the WAX Blockchain for the in-game functionalities

**Ultra Gymnasium**

**September 2020 to September 2021**

*Angular PWA*

Developed a fully functional progressive web app in Angular for handling data coming from gyms context: creating a digital workout, reporting statistics, track live workout data. The frontend was made in Angular and hosted on Firebase. The Node.js server deployed on Heroku.

### TECHNICAL SKILLS

- **Web technologies**: Angular, Vuejs, TypeScript, JavaScript, HTML, CSS, SCSS, Sass
- **Backend technologies**: Nodejs, Java, Python, Spring
- **Database**: MongoDB, MySQL, POSTGRES, ORACLE
- **Cloud Platform**: Firebase, Google Cloud Platform, Heroku
- **Data Science**: R, Python, Pandas, Tensorflow, Keras, Scikit-learn
- **Versioning**: Git, Github, Bitbucket

## EDUCATION

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Master's Degree Data Science

*110L/110*

University of Study of Padua

*2019-2021*

Bachelor's Degree Computer Science

*110L/110*

University of Study of Padua

*2016-2019*

Highschool Graduation

*87/100*

Liceo Scientifico Statale G.B. Quadri

*2011-2016*

## CERTIFICATES

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- B2 First, 2015

## OTHER SKILLS

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**Languages** English: professional proficiency. Italian: native.