

**Andrea Foglia**  
**Full Stack Developer**

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based in Collesalveti, Italy

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## Skills

Java, Jakarta, Spring, Springboot, Hibernate, Maven, Git, Linux, Windows, Javascript, Js, Json, Xml, Mongo, Mongodb, Rest, Soap, Api, C#, C++, C, Html, Css, Angular, JQuery, Ajax, Node, Eclipse, IntelliJ, Vscode, Php, Oracle, Postgresql, Mysql, Docker, Aws

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## Work Experience

### Full Stack Developer, Dedalus SPA, Pisa - Italy (Remote)

**2019 - 2023**

- Revamped a legacy Web Application from Java Servlet Page to Angular and Typescript, resulting in a 40% reduction in page load time and to a 25% increase in customer engagement and conversion rates.
- Created complex SQL queries and scripts on Oracle and Postgres DBMS, resulting in a 25% performance improvement or the addition and updating of features.
- Modernized a legacy application from Java Legacy version to new Java Technologies (Spring Boot, Hibernate...), increasing performance by 25% and ensuring scalability for future enhancements.
- Produced documentation and code guidelines which increased delivery speed and code quality by 30%.
- Enhanced integration by utilizing a Middleware Application to improve communication performance by 15% between different Healthcare Applications, expediting the data conversion flow.
- Mentored junior team members, reducing the onboarding period by 50% and increasing productivity.
- Created an automation process for publishing products on cloud systems (Docker or Okd), speeding up deployment time by 60%.

### Developer and Hardware Technician, Freelance (On Site - Remote)

**2015 - 2019**

- Built software tools for a turf grass society company to manage data collected by turf guard sensors, enabling the monitoring of turf status throughout the day and speeding up greenkeepers' work by 30%.
- Implemented an app to manage satellite antennas for yachts and ships, enhancing user accessibility and improving performance by 15%.
- Developed an app to manage extracurricular school activities, resulting in a 45% increase in student participation.

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## Projects

### Full Stack Developer, xPatientView a Microservices MPI

**2022 - 2022**

- Designed and developed the entire stack for the thesis project, encompassing both backend and frontend modules.
- Generated more than 50 pages of documentation suitable for publication on scientific platforms, aiding researchers and increasing productivity and efficiency.
- Incorporated robust security measures, including authentication checks, user role verifications, and private backend-managed routes, resulting in an 80% enhancement in app security.
- Incorporated JHipster and Liquibase in creating modules, significantly accelerating development speed by 60%.

### Full Stack Developer, "Scuole APPERTE" to manage school courses (On Site - Remote)

**2014-2015**

- Employed the Bootstrap CSS framework to optimize the layout, enhancing responsiveness on smart device screens by 80%.
- Implemented AJAX and jQuery frameworks to enable asynchronous operations, resulting in a 20% faster performance compared to similar applications.
- Configured an Apache Server for hosting the app.
- Collaborated with a team of 10 student colleagues, contributing to the completion of the project within a span of 3 months.

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## Education

Bachelor of Science in Computer Engineering  
Full Stack Developer, T.D. Group, Pisa Italy

**2019-2022**  
**2019**