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Education

University of Palermo, Computer Science

Oct 2022 – Current

- **Coursework:** Computer Science and Mathematics

Projects

Whatsapp clone

Aug 2024 – Current

- Currently Designing and developing a full-stack messaging application using Spring, GraphQL, and Angular.
- Implemented real-time message delivery using WebSocket/GraphQL subscriptions.
- Designed scalable MySQL database schema supporting user authentication, message storage, and media handling.
- Achieved responsive design coverage across mobile and desktop platforms utilizing Bootstrap and Ionic.

Portfolio website

October 2024

- Engineered a trilingual portfolio website using Angular 16 and Ionic, showcasing projects and technical skills
- Implemented language switching functionality using Angular's i18n with English Italian and Spanish translations
- Built responsive layouts using Bootstrap's grid system, ensuring seamless display across all devices
- Integrated Formspree for secure and reliable contact form functionality
- Developed reusable UI components with modular architecture for maintainable code

Technologies

Languages: Typescript, Kotlin, Java, C, C++

Front-end: Angular, HTML5, CSS, SCSS, Bootstrap, Ionic

Back-end: Spring, DGS, GraphQL

Database: MySQL