

# Karan Preet Singh | [linkedin.com/in/krnprtsingh](https://www.linkedin.com/in/krnprtsingh)

+39 3510343552 | [karanpreetsingh.com](mailto:karanpreetsingh.com) | [kps.preet@yahoo.it](mailto:kps.preet@yahoo.it) | Milan, Italy (open to relocation) | Citizenship: Italian

## Professional Experience

### Maps Group | Milan, Italy

#### Software Developer | 02/2022 - Present

##### *Healthcare Safety and Claims Reporting Platform*

- Developed a critical healthcare web application serving hospitals across different regions in Italy. Leveraged Angular 11, Java 17, REST API, MyBatis, and PostgreSQL DB.
- Proficiently handled both front-end and back-end aspects, gaining a profound grasp of the project's architecture.
- Guided and mentored fellow developers, ensuring seamless project integration and goal alignment.
- Successfully deployed several releases of the application to production using Helm, leveraging foundational knowledge of Docker & Kubernetes to manage containerized applications.
- Successfully closed and deployed 100+ Jira tickets, comprising bug fixes and enhancements. Developed more than 10 major functionalities for the web application.
- Acquired proficiency in Agile development practices within a multifunctional team of 10+ members.

##### *Enterprise Solution for Vodafone and IBM (User wallet management)*

- Developed an enterprise-level solution for Vodafone, utilizing Java 8, Spring framework, Apache Camel and Oracle DB.
- Developed infrastructure for consumption of SOAP-based web services using Spring framework and Apache Cxf.
- Played a vital role in ensuring the project's adherence to quality standards, coding guidelines, and best practices.
- Thrived in a fast-paced environment, and managed to deliver results under tight deadlines, while also gaining proficiency in the Waterfall methodology working with an international team.

### Sentric | Parma, Italy

#### Front-end developer (University Internships) | 09/2021 - 12/2022

##### *Development of the UX/UI for a platform in the retail sector*

- Developed and optimized the UI and UX of the website
- Leveraged several technologies including EditorX, Velo API, and JavaScript to create interactive web components while using NodeJS to interact with the back-end of the application.
- Conducted usability testing and gathered user feedback, implementing iterative improvements.

## Education

### University of Parma | Parma, Italy

#### Bachelor Degree in Computer Science | 03/2022

- **Relevant coursework:** Fundamentals of programming, algorithms and data structures, databases, programming methodologies, computer networks, software engineering, artificial intelligence
- **Thesis:** "*Development of the user interface and user interaction for a platform in the retail sector*". Conducted an in-depth exploration of user interface design and user interaction principles within the context of a retail platform.

### I.I.S G. Romani High School | Cremona, Italy

#### Informatics and Telecommunications | 06/2017

- **Graduation project:** Designed and developed a functional online food ordering web application utilizing a range of technologies including PHP, HTML, CSS, Bootstrap, and MySQL.

## Technical Skills

Angular, Typescript, JavaScript, Ionic/Capacitor, HTML 5, CSS, Java, Spring Framework, Springboot, Apache Camel, Apache CXF, Mybatis, PostgreSQL, Git, Bitbucket, Kubernetes, Helm, Linux, Jira, Teamwork

## Languages

English, Italian, Punjabi, Hindi