



Karan Manghnani

Software Engineer

PROFILE

Namaste! I'm Karan, a Software Engineer with a passion for searching for simplicity in complex problems. With a bachelor's and master's in Computer Science, I found a deeper interest in data science, and therefore, delivered a thesis in this field. In recent working experience, I have been enjoying my daily commits around scripting SQL queries and developing C# object-oriented code. Along with developing new hard skills, I've been improving my soft skills by being in continuous touch with the client and also attained the age of majority to be capable to train newly arrived colleagues. Currently, I'm looking for new challenges around the full stack world considering my main goals of improving my skills and expanding my stack.

CONTACTS



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LANGUAGES



Portuguese

English

Hindi

Sindhi

INTERESTS



Travel



Culture



Bollywood Movies



Fitness



Investing



Chess

EDUCATION

- **MASTER'S IN COMPUTER SCIENCE & ENGINEERING- 2018 – 2020**
Instituto Superior Técnico, University of Lisbon
Specialization in Cyber-Security and Information Systems
- **BACHELOR'S IN COMPUTER SCIENCE & ENGINEERING- 2015 – 2018**
Instituto Superior Técnico, University of Lisbon

EXPERIENCE

- **VTXRM – Software Factory – April 2021 - Present**
Software Engineer
Working as a software engineer on a project for Volkswagen UK in a Scrum environment to implement a software, called Accipiens. My main responsibilities are:
 - Develop and document programming tasks using C# and Visual Studio to be deployed in the production servers
 - Develop SQL scripts using SQL Management Studio
 - Build reports and documents using RDL and SQL Server Reporting Services (SSRS)
 - Correct bugs on application detected by the client and functional consultants
 - Demonstration of the User Stories implemented in the sprint to the client
 - Understand business from the client's perspective
 - Help the newly arrived colleagues

C# .NET SQL Microsoft SQL Server Visual Studio Azure DevOps Server RDL SSRS Agile
- **INESC-ID – February 2020 - January 2021**
Intern - Development of my Master Thesis
Development of FactMe, an online visualization tool that help users with indicators to detect fake news. This tool works by gathering metrics based on content and context of a news article with the help of Natural Language Processing (NLP) and Machine Learning algorithms and present a disinformation score based on these metrics to the users.

Python Flask JavaScript HTML CSS NLTK NumPy Pandas Scikit-learn NGINX Latex
- **PWC – July 2019**
Cyber-Security Consultant
Worked as a full-time summer intern in the Cyber-Security Team of PWC in Lisbon. I joined a team that was developing a real project concerning GDPR, where I was able to understand the business needs and technology requirements for Cyber-Security while working alongside risk consulting developers.
With this, I was able to emerge on a professional environment, adapt to work routines, teamwork, as well as understand how a big company proceeds from an inside perspective.

Kali Linux OWASP Nmap

SKILLS

Backend: C#, Python, Java, .NET, Flask
Frontend: CSS, HTML, JavaScript
Databases: T-SQL, Firebase, PostgreSQL
Tools: Azure DevOps Server, Git, SQL Server, Visual Studio, IntelliJ, PyCharm
Interests Fullstack, Data Science, CyberSecurity

FREELANCING PROJECTS

- **TALENT POOL – November 2020 - January 2021**
Web application for internal management
Developed and sold a full stack web application to 'Cross Border Talent' (CBT). CBT opened a proposal for a solution to organize, within a central dashboard, their outsourcing candidates (including CV, DISC results, work-field, etc). Along with two University friends, delivered a concept solution (which was accepted) and executed the solution in accordance to CBT requirements.
With the help of the internal application, CBT now has a centralized candidate repository with graphics analytics that enable talent recruiters to match each candidate to a company's demands.

JavaScript HTML CSS Git Firestore Bootstrap Authentication Google-graph-analytics