Carmine Sacco

Software Engineer

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🌐 https://csacco.eu/

in https://linkedin.com/in/
carmine-sacco

Work Authorization

Europe: Eligible to work inside EU
USA: Visa Required

Education

M.D. Computer Engineering
Polytechnic of Turin | 2015 |
106/110

B.D. Computer Engineering
Univerisity of the studies of Salerno |
2012 | 100/110

Certifications

PowerMBA Global powered by
PowerMBA

Project Management powered by
Harvard ManageMentor

Neural Networks & Deep Learning
powered by Coursera

Skills

Languages: C++, Java, C, Python, SQL
Web: Node.js, Php, React, CSS
Databases: MySql, MongoDB,
Aerospike
Framework: Spring, Qt, CMake, Gtest,
Mocha
Other: Docker, Kubernetes, AWS, Jira,
Git, CI/CD

Achievements

Honeywell International s.r.o
- Bonuses for completing challenging
tasks
- 1st Prize at Honeywell Hackathon
for the best innovative idea
Startupper @ Toctherapy
- 1st Prize at Perotto-Zucca contest
- Participant at Cosmofarma fair
- Selected by I3P

Work Experience and Internships

Feb'21 - today   Senior Software Engineer   TMC Italy spa ft. ArtGroup Spa, Rome, Italy

- Supported customer's team in the development of a multi-tenant platform for luxury cars, utilizing C++ and Qt saving 50% of development costs
- Led a senior developer to build a live streaming platform using multiple protocols, multiple technologies in just two months. TechStack: C++, Qt, Node.js, React
- Designed and improved customer's infrastructrue moving from single cluster with one container to multiple clusters with distributed containers in less than one month Tech Stack: AWS, Kubernetes, Docker, C#, MySQL
- Supported customer team leader in defining activity, strategy plan, and KPIs

Sep'22 - Nov'22   Freelancer   PenguinPass spa, Milan, Italy

- Assisted CEO in launching a web application for Italian football organization (FIGC) on AWS infrastructure going live in a weekend and successfully used by over 500 users.
- Led a junior developer during the development of new front-end features, providing mentorship to improve productivity and quality

Feb'19 - Aug'20   Software Engineer   Honeywell International sro, Prague, Czech Republic

- Developed a Qt desktop tool for automatic validation of over 100K flight plans, contributing to a successful European project funded by ESA that reduced costs by 25% compared to partner organizations
- Spearheaded a team of 4 in a hackathon and prototyped a virtual voice assistant to support pilots during flights, winning 1st prize and demonstrating innovation, technical expertise, and leadership abilities.

May'17 - Dec'18   Consultant Engineer   Teoresi spa ft MagnetiMarelli, Turin, Italy

- Accelerated software development of an embedded device for vehicle monitoring and emergency calls, leading to successful product launch on two different markets.
- Coordinated activities with partners and customers to resolve critical issues, ensuring timely delivery of the product.
- Demonstrated excellent teamwork and coordination skills while contributing to the R&D team, resulting in a successful product launch.

Feb'16-Apr'17   Research Assistant   Polytechnic of Turin, Turin, Italy

- Technology analysis in order to choose the best technology for the data storage.
- Built up a POC for a search engine to retrieve images based on the camera's fingerprint. POC built over a 50 M of images reaching a latency of 2 seconds
  My group of research founded a startup: Toothpic srl

Dec'14 - Jun'16   Startupper   TocTherapy, Turin, Italy

- Engineered in a team of 4 a web and mobile application in order to provide attested information to the citizen about healthcare services offered by public and private hospitals.
- Engaged in I3P, Incubator of Innovative Enterprises. Evaluated the business plan in according to the market analysis
- Achieved several prizes and awards as innovative start-up.
- Upgraded the full-text search into semantic search using NLP and Apache Solr framework