GABRIELE **CARACAUSI**

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OBJECTIVE

I love making things real, being creative, and thinking out of the box. I am a dreamer and I strongly follow my vision without forgetting the purpose and the emotions. I still love coding and prototyping.

I have a long experience in software engineering for the life-science industry, specific to laboratory automation and MES. On top of that, I am passionate about platform business models and with my company Nexens I am focused on Ecosystem Analysis and Platform Design.

My first platform project is Hubviser: a matchmaking platform for founders and startups.

IT-SKILLS

- C#, .Net Core, Entity Framework, WPF, Restful-API, Angular, React, NodeJS, Javascript, Typescript, CSS, Bootstrap
- Elasticsearch, Oracle, PostgreSQL, MSSQL, MongoDB
- MS Visual Studio, MS Visual Studio Code, Team Foundation Server, Eclipse, Git, Continuous Integration
- Docker, Google Cloud (Container Registry, Compute Engine, SQL & Storage)
- DOORS, Clearcase, Clearquest
- IDBS E-Workbook, Osisoft PI, ZPL (Zebra Programming Language)

CERTIFICATIONS

Certified Platform Design Toolkit Facilitator Bootcamp | Boundaryless, Italy

ISSUED JUNE 2021

Full and deep understanding of Platform Design Toolkit framework and unified market theory and its interrelated aspects such as systems thinking, mastering network effects, organizational transformation, and other facilitation tools.

EXPERIENCE

Founder and CEO | Nexens, Munich

DECEMBER 2020 – PRESENT

Ecosystem Analysis & Platform Design / Agile Software Development in GxP Regulated Environments for the Biotech and Pharmaceutical industry.

Skills: general management, business development, online marketing, product management and development.

Software Engineer LIMS, ELN & MES, Contractor | Roche Diagnostics, Penzberg

AUGUST 2009 – PRESENT

Software Development & Design for LIMS, MES and Electronic Lab Notebooks (ELN).

Skills: C#, WPF, .Net Core, Entity Framework, Restful-API, React, Typescript, CSS, Bootstrap, Oracle, Git, Continuous Integration, IDBS E-Workbook, Osisoft PI, ZPL (Zebra Programming Language), DOORS, MS Visual Studio, MS Visual Studio Code, Team Foundation Server, Eclipse.

Founder | Hubviser, Munich

DECEMBER 2019 – JULY 2022

Matchmaking platform for Founders and Startups.

Skills: Platform design, lean startup, startup community dynamics, business models, online marketing, business development, full-stack software development of matchmaking platform (C#, Angular, Typescript, PostgreSQL, Google Cloud, Docker).

Co-Founder and Managing Director | Signify, Munich
MARCH 2014 – FEBRUARY 2021
Skills: general management, business development, online marketing, product management and development.

Aircraft Simulation Software Engineer, Contractor | Airbus, Manching
JUNE 2008 – DECEMBER 2008
Development of a software tool to manage ICD XML files for the Airbus A400M Cockpit Display System.
Design and development of a Java multi-threaded software to integrate the A400M cockpit simulation environment and the A400M Terrain Masking Low Level Flight functionality.
Skills: Java, Java RMI technology and Airbus VCOM protocol for the communication and data exchange in the low-level flight plan calculation and other functionalities.

Application Specialist, Contractor | Telefonica Germany, Munich
JANUARY 2008 – MAY 2008
OSS / BSS specialist (Comverse Arbor billing systems).
Skills: Comverse Arbor BP/OM billing systems, Unix scripting, Oracle

Application and Process Specialist, Contractor | Telefonica Germany, Munich
SEPTEMBER 2007 – DECEMBER 2007
Roll-out management team. Responsible of Change Management for rolling-out EAI, Product Catalog, CRM and billing systems. Quality improvement of Configuration Management DB.
Skills: Unix scripting, BMC Remedy, Oracle

Billing Environment Manager, Contractor | Telefonica Germany, Munich
JANUARY 2006 – JUNE 2007
Maintaining Comverse Arbor BP/OM billing systems.
Maintaining & supporting environments configuration, release installations, launch tests and production rollouts.
Skills: Comverse Arbor BP/OM billing systems, Unix scripting, Oracle

Software Engineer, Consultant | Selex ES (Leonardo), Catania
MARCH 2005 – DECEMBER 2005
Software engineering applied to monitoring and controlling satellite communication earth stations of the SICRAL project, the first Italian satellite communications military program.
Developing driver interfaces for different military equipment having proprietary communication protocols.
Interfacing the Central Monitor and Control system with the different satellite earth station equipment.
Skills: Low-level device communications, Visual Basic

Automation Engineer, Consultant | STMicroelectronics, Catania
APRIL 2004 – MARCH 2005
Technical Owner of a corporate project involving Computer-Aided Manufacturing teams and Process Engineering teams of different sites. Requirements analysis and deployment coordinator.
Skills: Visual Basic .Net, Unix scripting, Oracle

Internship | STMicroelectronics, Catania
SEPTEMBER 2003 – MARCH 2004
Designing and developing software for reverse engineering XML-based and graphic representation of finite state automata applied to manufacturing automation.

Software Developer | SIC, Palermo
JANUARY 1997 – AUGUST 2003

EDUCATION

Executive MBA in Innovation and Business Creation
TUM SCHOOL OF MANAGEMENT
2019 – 2022
Top Subjects: Strategy & Organization, Entrepreneurship, Entrepreneurial Finance & Accounting, Marketing, Sales & Operations, Leadership & Cooperation, Innovation Management.

Master of Science in Computer Engineering (with full marks)
UNIVERSITÁ DEGLI STUDI DI PALERMO
1996 – 2004
Grade: 110/110
Top subjects: Software Engineering, Digital Image Processing, Artificial Intelligence, Robotics, Programming Languages and Compilers, Data transmission, and Networking.
Thesis: Analyzing, developing, and testing software application for reverse engineering XML-based of finite state automata for automation interfaces.

HOBBIES & PASSIONS
Sailing, Travelling, Cooking, Photography, Politics, good food & wine.