Alessandro Aneggi

Problem solver and Curious about technology: Cloud systems, Networking, Developing, IoT, AI and Cyber Security. Able to work as part of a team and support the life cycle of a project to ensure that quality solutions meet business objectives. Possesses a good team spirit, is deadline-oriented and can clearly organise and present complex solutions.

A quick learner who can absorb new ideas and is ready to improve his skills. Enthusiastic about engaging in applied research, actually researcher at University as a PhD Researcher since 2023.

WORK EXPERIENCE

MSc researcher in Software Engineering Group in Klagenfurt 2023-2024
Freelancer IT Consultant
- Design and develop Websites and services on Cloud Computing with Microservices Architecture (Nodejs, MongoDB, Azure, Heroku, IAM, Git) (Maintenance management system)
- Provide network administration, configure ProCurve Switch, SonicWall Firewall and Windows Server 2019

Teacher in High School of Information Technologies (Galilei Bolzano) 2020-2023
- Teaching: coding Java, PHP, DB, Network and security systems

Teacher in High School of Automation/Electronics (C.F.P.G. Veronesi) 2017-2020
- Teaching: introduction to PLC developing, Laboratory of Electronics, Industrial sensors
- Manage laboratory, order finish parts, organise how to do experiences

Project Manager/Developer (Argentea S.r.l.) 2015-2017 (e-Payment system)
- Planning work for new clients and roll-out of installation devices
- Providing the second level customer care. Including logs and information collecting about the issues, troubleshooting with developers or company partners
- Re-Design and develop specific application for a client in C# with MVC pattern

Technical Architect www.visittrentino.it (regional tourism portal) 2013-2015
- Manage technical contact with partners for: booking system, events from local tourism offices, external newsletter system, CRM, multimedia gallery and QlikView analytics system
- Create content (HTML) for advertising in Internet connected to Web marketing group and market analysts
- Develop programme to analyse data from Google Analytics
- Contribute during the offices meetings for technical aspects
- Manage development of dedicated landing-website for marketing campaigns

Developer (TAMA Spa) 2012-2012 (Filter industrial production)
- Design and develop a Web Mobile application for iPad that help sales force to trace data about customers
- This application was built with all new technologies of Microsoft (MVC, Entity Framework, SQL)
- Develop and implement Web marketing strategies connected to the website, planning Advertising campaign on Google Analytics and analyse the result, manage restyling website of the company

Research and Develop in Mobile field (Archimede Soc. Coop.) 2010-2011 (Communication and web company)
- Explore mobile market and find new services for company clients
- Planning to develop automatic mobile website from proprietary CMS
- Design user experience of new APPs
- Managing the project to build fist APP for important local company with back-end and frontend

Research Developer on Virtual community portal for (University of Trento) 2009-2010
- Develop WIKI service integrated in the platform with c#, MVP, TFS, nHibernate and WinForms
- Migration from physical server to virtualized server on VMWare infrastructure with ESX

TECHNICAL SKILLS

Developing (BackEnd and FrontEnd)
- Developer NodeJS API (express, mongoose, JWT security), C# with MVC and Entity Framework
- JavaScript with VUE and Google Scripts (Vuetify, VUE Bootstrap)
- Database (MS SQL and MongoDB-NoSQL, Cosmos DB Azure)
- Minor experience in Esp32 C Developing and collect data from MODBUS with NodeJS

Networking
- Good technical network background TCP/IP, LAN, WLAN, VLANs

- Configuration Managed Switch, firewall or Server virtualisation
- Security with VPN, JWT, IAM and general design security concepts

System Administration
- Configure Windows 2012/16/19 Server (DHCP, DNS, Active Doman, IIS)
- Configure Linux server systems and scripting
- Azure Cloud (VM, Storage, Function App, Cosmos DB), Heroku, Docker

Tools/Architecture
- Google (Google APPs, manage GSUITE for company, create Scripts for GSuite, Analytics, AdWords)
- Visual Studio/Visual Studio Code, GIT, QlikView, Photoshop
- Multitenancy, serverless, microservices systems
- Minor experience in PCB Design

EDUCATION AND TRAINING

Master's degree in Software Engineering *for Information Systems* - University of Bolzano (2020-2023)
In this programme, students learn how to leverage next-generation technologies such as Cloud Computing, Internet of Things, and Analytics to create, connect, optimise and engineer innovative systems moving to pragmatic application and commercialization on a rapid and large scale.

Master's degree in Net Economy - University of TRENTO (2009-2012)
Technology and Management of Information and Knowledge. Aimed at training expert people and managers for the companies involved in the field of 'net economy', about the technology knowledge and the consequences of the use of new technologies in the operative and strategic management of a company and its organisation.
Master thesis research in Abo Akademi (Finland).

Bachelor Degree in Engineering *for Information and Organisation* - University of TRENTO (2004-2008)
Increasingly seek undergraduates to be able to combine expertise in information technology, telecommunications and electronics with organisational skills.
Thesis title: Design and developing a VoIP system with Asterisk

PERSONAL SKILLS AND COMPETENCES

- Innovative, highly creative, good at thinking 'out of the box'.
- Proactive worker. I love computing because it creates new challenges and finding new solutions for them fulfils me.
- Managed a working team (graphics, developers and communicator) for a prize-winning project of mobile
- Ability to work shifts and weekends - occasional overtime / overnight
- From 2009 - 2014 Councillor in a small town "Tres, TN, Italy"
- From 2010 – 2017 Technical consultant for youth politics "Predaia, TN, Italy
- President of young ass. "Gruppo Giovani Tres" for six years and organiser of small events

ADDITIONAL INFORMATION

Personal interest: Photography, snowboarding, climbing, sports in general and trying new things
Languages: Italian (Mother tongue) - English (B2) – German (A1)