

MATTEA FENECH

SOFTWARE ENGINEER

CONTACT



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CERTIFICATIONS

ITIL 4 Foundation

SKILLS

Team Player

Adaptable

Quality Driven

ACEDAMIA

University of Malta

2020-2023

- Bachelors In Science In Computing Science**

Using a case study of the martian rover I developed a runtime verification system that monitored the rovers movement and stopped any commands from executing that could result in the rover damaging itself and send updated commands to re route the rover to avoid obstacles.

- Published a paper 'Runtime Verification for Trustworthy Computing'**

The paper expanded on my thesis exploring how runtime verification can be used in the sector of security.

LANGUAGES

English



Maltese



Italian



Danish



PROFILE

With 4 years of experience in Full Stack Development, adept at building and maintaining software solutions and software architecture. A year ago, I earned my Bachelor's degree in Computer Science, developing a particular interest in compiler theory, data structures, and algorithms. My journey is defined by a relentless pursuit of new and challenging opportunities, driven by a desire to refine and broaden my skill set.

WORK EXPERIENCE

Software Engineer

PTL Ltd.

2021-Present

- Collaborated with other developers to update client websites and create new features
- Worked with clients in order to extract all the requirements for their new system and come up with a solution architecture
- Oversee and maintain several web services and integrators for clients and maintain the hosted system
- Developed and maintain web applications using C#, ASP.NET, and SQL Server
- Took over other projects and focused on optimizing their performance
- Providing mentorship to interns, imparting best coding principles, and facilitating their grasp of diverse technical tools and resources such as frameworks, databases, and version control systems

Core Competencies

- C#, ASP.NET
- Javascript, Typescript, React.js, Node.js
- HTML, CSS, bootstrap, tailwind
- React, Vue, Svelte
- Python
- C
- Go
- C++, Java
- Full Stack web development
- Agile software development
- Test driven development
- Google Cloud, Azure
- DevOps Engineering
- Github, CI/CD
- Docker
- SQL, MongoDB, Neo4J, Firebase

Work Related Skills

- Clear communication skills both verbally and in writing with strong interpersonal skills and the ability to communicate and deliver messages at all levels
- A highly committed and self-motivated person with a fervent desire for success and excellence in delivering high-quality outcomes.
- Ambitious individual showcasing exceptional analytical and problem-solving abilities.

Personal Work

- Built a Linux Server to host Personal Projects
- Enjoy exploring new stacks
- I am passionate about learning how to optimize my websites for improved speed and performance.