

Davide Lettieri

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<https://davidelettieri.it>

Work Experience

Software engineer 06/2022 - Today

Getpaid <https://www.getpaid.io/>

I'm working as a software engineer in the online payments and invoicing industry. I'm currently working on developing an API driven platform based on C# and microservices hosted on Kubernetes. As additional responsibilities I'm working on our infrastructure on Azure, using an IAC approach with Bicep. Key results:

- I contributed to building 2 products (payments/invoicing) from scratch over 3 years
- I built the required cloud infrastructure from scratch
- I managed the integration with our PSP partner

.NET Team Leader 03/2019 - 04/2022

Insoore <https://www.insoore.com>

Development and maintenance of web applications to manage insurance claims. We developed a distributed application with microservices and service fabric on azure, cosmos db, azure service bus and other cloud based services. I was in charge of the design and execution of all the development for the backend and of a small team of developers. Key results:

- I helped Insoore launch their internal claims management project
- I guided the migration of the existing platform from full framework to .NET core
- I helped building the .NET team

Senior .NET Developer 01/2019 - 02/2019

ETT SPA <https://ettsolutions.com/>

Development and maintenance of web applications and services for the labour market to be used by the public administration. While this was a rather short experience, I was the only engineer among 3 total new hires to have its own code running in production in the first month.

.NET Developer 02/2018 - 12/2018

SG Digital <https://www.sgdigital.com/>

As a .NET Developer I worked on integration for online casino platforms with SG Open Gaming System platform and betting/gambling operators entering the Italian market. Key results:

- Multiple operators running in production with applications I built from scratch as a sole developer
- Successfully managed the integration with multiple internal operators with technical teams across EMEA.

Senior Consultant - 01/2017 – 01/2018

Consultant – 04/2013 – 12/2016

React Consulting www.reactconsulting.it

As a senior consultant I coded every day, I gave estimates on projects and I organized the work for the other team members. My main responsibilities were: design applications, web development in C#, lead and train less experienced developers. Key results:

- Delivered 100+ projects
- Lead multiple teams with different backgrounds and seniority

- Experience in multiple domains (Energy, Telco, Public Italian sector, etc..) and across multiple market segments (Enterprise, SME).

Teacher 02/2013-04/2013

Università degli studi di Roma Tor Vergata <https://web.uniroma2.it/>

I was a teacher at the specialization course “Master in Scienze e tecnologie spaziali”, I did an introductory course in Matlab. I did present the Matlab development environment and I showed the students the basics and the building block of the Matlab language.

Ph. Student 10/2010-04/2013 (dropped out)

Università degli studi di Roma Tor Vergata

My main responsibilities were pursuing my research topic, collaborating with other students and teachers and participating in academic events.

Education

Laurea Specialistica in Matematica Pura 10/2008-07/2010 (Master's Degree)

Università degli studi di Roma Tor Vergata

Final grade: 110/110 e lode

Laurea Triennale in Matematica 10/2005-07/2008 (Bachelor's Degree)

Università degli studi di Roma Tor Vergata

Final grade: 110/110 e lode

Certifications Exams

70-486 Developing ASP.NET MVC Web Applications - 26/07/2017

70-466 Implementing Data Models and Reports with Microsoft SQL Server - 09/30/2016

70-480 Programming in HTML5 with JavaScript and CSS3 - 01/27/2016

70-483 Programming in C# - 04/08/2015

Publications

Piecewise rational quintic shape-preserving interpolation with high smoothness

Jaen Journal on Approximation – 01/2014, Davide Lettieri, Carla Manni, Hendrik Speelers

Shape Preserving HC2 interpolatory subdivision

BIT Numerical Mathematics – 09/2015, Davide Lettieri, Carla Manni, Hendrik Speelers, Francesca Pelosi

Technologies and products

My main focus has always been web application development using Microsoft technologies. While my strongest skill is backend C# development, I have a working knowledge of JavaScript and Typescript. Nowadays I'm working on building and maintaining the company's Azure infrastructure having now 6+ years of experience working Azure and cloud infrastructure. I have experience deploying, managing and using several Azure cloud technologies, such as: Azure Service Bus, Azure Event Hubs, Blob Storage, Application Insights and Azure Monitor, Azure App Service, Cosmos DB (MongoDB and SQL Api), Application Gateway, Azure Front Door, Azure Key Vault, Azure Sql, Azure Virtual Network, and others. I am well versed with dotnet and aspnet core, I've been developing web apps with Microsoft tech stack for a long time. I have experience building microservices and hosting them in Microsoft Service Fabric and in Azure Kubernetes Service.

Personal Projects

I like to train myself on several topics and technologies, some of my experiments can be found at <https://github.com/davidelettieri>