

Turning software into computer chips – Hastlayer

Zoltán Lehóczky

¹ Lombiq Ltd., Budapest, Hungary

Software is flexible, specialized hardware is extremely fast. So why not write software, then turn it into a computer chip? This is what Hastlayer (<https://hastlayer.com>) does by transforming .NET software into electronic circuits. The result is faster and uses less power while you simply keep on writing software. You may not be able to tell just by looking at it but behind some function calls now actually embedded hardware is working! (You wonder how? Check out what FPGAs are!) In this demo-packed session we'll get an overview of what Hastlayer is, why it is useful for developers like you and how to write Hastlayer-compatible software.



Zoltán Lehóczky

Co-founder and managing director of Lombiq Technologies (<https://lombiq.com>), originator of the Hastlayer project. His main expertise is in .NET software development and software architecture design. Core contributor of the ASP.NET Orchard CMS, guest lecturer at Óbuda University, John von Neumann Faculty of Informatics.