

IGAL TABACHNIK

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SUMMARY

I'm a software developer based in Israel. Currently on a functional programming journey, having fallen in love with functional languages after nearly 15 years of more "traditional" object-oriented development. Every day is a new discovery!

Formerly a .NET developer, working primarily on developer tools (such as debuggers, unit testing frameworks, plugins for Visual Studio and IDEs from JetBrains.)

Interests: [functional-programming](#) [scala](#) [typelevel-stack](#) [zio](#) [scalaz](#) [haskell](#) [nix](#) [bazel](#) [rust](#)

WORK EXPERIENCE

JUN 2016–AUG 2019
(3 years, 3 months)

Senior Software Engineer at Wix.com, Israel

[scala](#) [functional-programming](#) [bazel](#) [intellij-plugins](#)

Worked in the build infrastructure team, supporting the migration to the *Bazel* build system. Main responsibilities included adding Scala support and contributing fixes to the *Bazel IntelliJ plugin* (maintained by Google), as well as creating internal tools for Wix-specific functionality.

Created a functional programming interest group within Wix (over 100 developers joined over time), led hands-on workshops and training on various topics in functional programming.

Helped organize company engineering events, most notably *Scalapeño* (Israeli Scala conference), community outreach, co-organized *Underscore*—the Israeli Scala user group.

(abbreviated work history below, see LinkedIn profile for full details)

JUL 2015–MAY 2016
(11 months)

Software Developer at Particular Software, Israel (Remote)

[c#](#) [nservicebus](#)

Building NServiceBus and the Particular Platform products.

JUL 2012–JAN 2015
(2 years, 7 months)

Lead Developer at OzCode (a CodeValue company), Israel

[c#](#) [roslyn](#) [debugging-api](#) [visual-studio-extensions](#)

OzCode is a Visual Studio extension for debugging productivity. I was responsible for the entire stack, from core product development to prioritizing features and issues, research, as well as marketing and content creation, branding, and artwork direction.

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MAR 2010–NOV 2011
(1 year, 9 months)

Senior Software Developer at Typemock, Israel

c# .net-internals il-weaving aop api-design code-generation

Developed a unit testing suite of products for software developers. Mainly responsible for the isolation (mocking) framework, based on the unmanaged *CLR Profiling API* to perform runtime inspection and IL weaving to allow runtime code modifications.

OCT 2008–MAR 2010
(1 year, 6 months)

Software Developer at Eternix, Israel

c# webdav winforms unit-testing tdd

Lead developer of a WebDAV based file server, implementing and maintaining features such as file encryption, versioning, quota, and user management.

OCT 2007–OCT 2008
(1 year, 1 month)

Software Developer at InfoGin, Israel

c# asp.net mobile-web wap

Developer in the professional services team, created web applications for mobile devices, based on the specifications provided by customers.

JUN 2005–SEP 2007
(2 years, 4 months)

Software Developer at PrizmaSoft, Israel

c# winforms continuous-integration

Developed client applications for a business process management system, maintained build and deployment scripts.

PROGRAMMING PROFICIENCY

LANGUAGES: Scala, C# (proficient), Haskell (beginner), F#, OCaml (familiar), Rust, Python (learning)

PATTERNS: FP, OOP, ES/CQRS, DDD, TDD, Property-based testing

LIBRARIES: http4s, ZIO, Cats, Cats-Effect, Circe, Refined, Doobie, PureConfig, Specs2, ScalaCheck

TOOLS: Bazel, SBT, IntelliJ SDK, Nix, Docker, TeamCity

MISC: Category Theory, abstract algebra (learning)

SKILLS AND ACCOMPLISHMENTS

LANGUAGES: Hebrew, English, Russian

WORKSHOPS: Functional Programming in Scala, Zero to FP (originally by John A. De Goes)

PUBLICATIONS: Category Theory for Programmers by Bartosz Milewski ([PDF](#), [hardcover book](#))

OSS PROJECTS: [ZIO plugin for IntelliJ](#), Agent Mulder plugin for ReSharper

SPEAKING

VIDEO: [Journey to Functional Programming](#) (Wix Engineering, 2017)

[Zero to FP \(Hebrew\)](#) (Underscore meetup, 2018)

SPECIALIZATIONS

COURSES: Functional Programming Principles in Scala | Coursera

Functional Programming in Haskell (Russian) | Stepik ([certificate](#))

Applied Functional Programming in Scala (2-day training) | John A. De Goes

Advanced Async & Concurrent Programming with ZIO (3-day training) | John A. De Goes