

# THANH (ETHAN) NGUYEN

xtnguyen605@gmail.com  
(+44) 7546 634 543



ethanify.me  
London, UK

## SYNOPSIS

- Passionate about creating awesome products that help plenty of people improving their lives.
- 10+ years of experience in the software industry, mostly tech start-ups.
- Speaking **Elixir**, **Python**, **Ruby** & **TypeScript**.
- Interested in **Go**, **Rust** & **WebAssembly**.

## CHANGELOG

|                                   |   |
|-----------------------------------|---|
| Aug 2020<br>- Present             | <b>Senior Software Engineer @ Onfido</b> (London, UK) <ul style="list-style-type: none"><li>• Working across multiple backend services to help analyze, detect and prevent frauds at scale in tens of millions of end-user records per month, involving data pipeline, event-driven architecture and system scaling &amp; monitoring.</li><li>• Contributed to improving image &amp; video capture experience and quality for the Onfido Web SDK that helped reduce drop-off by 5-10% and increase pass rate by 10-30%.</li></ul> |
| Sep 2019<br>- Jul 2020<br>(11m)   | <b>Senior Software Engineer @ Pi-top</b> (UK Remote) <ul style="list-style-type: none"><li>• Developed new features in both backend and frontend for Further, a learning-by-making platform on top of Raspberry Pi hardware devices.</li><li>• Worked with stakeholders to clarify requirements from thousands of teachers and students in North America and Europe.</li><li>• Contributed to improving the project's structure and performance, as well as the team's work process.</li></ul>                                    |
| Aug 2016<br>- Aug 2019<br>(3y)    | <b>Senior Software Engineer @ WeFit</b> (Hanoi, Vietnam) <ul style="list-style-type: none"><li>• In charge of the architecture and the design of WeFit mobile application, an online-to-offline platform which connects users and local fitness studios, serving 200,000+ users with 2000+ DAUs.</li><li>• Built web-based tools which manage 10,000+ user bookings and revenues for 300+ fitness partners monthly.</li></ul>   |
| Aug 2014<br>- Aug 2016<br>(2y 1m) | <b>Dev Lead ⇒ Head of Operations @ TOPICA Edtech Group</b> (Hanoi, Vietnam) <ul style="list-style-type: none"><li>• Managed Operations department of 30 to connect 200+ instructors and create 500+ video courses for Edumall, a short-course learning platform.</li><li>• Led development team of 10 to build and launch Web, iOS and Android applications for Memo, an English learning product, serving 150,000+ users with 3000+ DAUs.</li></ul>  |
| Aug 2012<br>- Sep 2014<br>(2y 2m) | <b>Mobile Developer ⇒ Dev Lead @ Vinova Pte. Ltd.</b> (Hanoi, Vietnam) <ul style="list-style-type: none"><li>• Led a team of 3 to develop 5 different mobile applications for Singapore marketplace.</li><li>• Advised customers on choosing proper technical stacks and decisions, maintained and upgraded the products on request.</li></ul>  |
| Aug 2009<br>- May 2013            | <b>Undergrad @ Vietnam National University, Hanoi</b> (Hanoi, Vietnam)<br>Bachelor's Degree, Computer Science.  |

## COMMANDS

|                            |  |
|----------------------------|--|
| Programming languages      | <ul style="list-style-type: none"><li>• Python (2019-)</li><li>• Elixir (2020-)</li><li>• Ruby (2012-2014 &amp; 2016-)</li><li>• JavaScript/TypeScript (2016-)</li><li>• Go &amp; Rust (2021-)</li><li>• Objective-C (2012-2015)</li><li>• Java SE (2012-2014)</li><li>• C++ (2009-2013)</li></ul> |
| Frameworks                 | <ul style="list-style-type: none"><li>• React.js/Redux.js/Next.js (2016-)</li><li>• Flask &amp; AioHttp (2020-)</li><li>• Elixir Phoenix (2020-)</li><li>• Ruby on Rails (2012-2014 &amp; 2016-)</li></ul>   |
| Databases & Data pipelines | <ul style="list-style-type: none"><li>• PostgreSQL (2016-)</li><li>• MongoDB (2012-2016 &amp; 2019-2020)</li><li>• Redis (2020-)</li><li>• Snowflake &amp; Looker (2020-)</li></ul>  |
| Testing                    | <ul style="list-style-type: none"><li>• Jest/Selenium (2016-)</li><li>• Rspec (2012-2014 &amp; 2016-)</li><li>• Pytest (2020-)</li><li>• K6.io (2020-)</li></ul>   |
| Infrastructure             | <ul style="list-style-type: none"><li>• AWS (SNS, SQS, S3, Firehose, Lambda, Kinesis) (2018-)</li><li>• Docker (2016-)</li><li>• Kubernetes (2019-)</li><li>• Terraform (2019-)</li><li>• GCP (2019-2020)</li><li>• Linux (2010-)</li><li>• macOS (2013-2020)</li></ul>                            |

**VERSION** 2023.apr.24