

Hi. I'm Ross Tuck.

For the last 20 years, I've been shipping software, training developers, and delivering technical initiatives. Along the way, I've presented keynotes, edited books, contributed to open-source, and organized events.

Work Experience

- Castor** *Principal Engineer* 2018 - 2020
- Drove the systemic, piece-by-piece renewal of a medical research system powering 4000+ studies, lowering maintenance and new feature costs while aligning architecture, hands-on coding practices and process between multiple teams and departments.
 - Developed encryption modules for protecting patient data, ranging from small data points located on hospital premises to multi-gigabyte files stored in the cloud.
 - Researched and built prototypes to synchronize medical research protocols between multiple systems, including conflict resolution tooling.
- Freelance** *Consulting Engineer* 2014 - 2018
- Backend lead for the Schiphol Airport mobile app. Used by 40% of passengers at Europe's 3rd busiest airport, the first version of the app and backend was completed in under 4 months.
 - Created auditing and finance software in the Dutch fintech sector.
 - Taught workshops internationally, covering DDD, REST, and other subjects.
- Ibuildings** *Team Lead / R&D Specialist* 2010 - 2014
- Designed and built the malware/abuse reporting hub used by 8+ major European telecoms.
 - Led team developing safety software for construction crews at Strukton Rail.
- DMM Web Development** *Senior Engineer* 2008 - 2010
- Lead developer on a top 10 Dutch job board, providing uptime throughout marketing campaigns and building tools for managing hundreds of auxiliary satellite sites.
 - Guided rollout of standard tooling and framework throughout company projects.
- I-Group Inc** *Technical Co-founder* 2004 - 2008
- Created insurance sales software, reducing policy enrollment time from 12 days to <30 minutes.
- Boss Duck** *Owner / Software Engineer* 2001 - 2004
- ptmedia** *Software Engineer* 2000 - 2001

Open Source

- Maintainer of the [Tactician command bus](#) with over 3 million installs.

Public Speaking

- Keynote speaker, presenter and host at events around the world.
- Events include WebCamp, Laracon EU, Confoo, ZendCon, Codemotion, DrupalCon.

Volunteer Work

- Chair and co-organizer of the [DomCode](#) non-profit polyglot user group.
- Organizer for DomCode Conference, Dutch PHP Conference and other events.
- Volunteer and advisor at tech events throughout the Netherlands.

Publications

- Foreword / Technical Editor: “Object Design Style Guide” by Matthias Noback, 1st ed.
- Technical Reviewer: “Principles of Package Design” by Matthias Noback, 2nd ed.
- Foreword: “Vagrant Cookbook” by Erika Heidi
- Various articles: “PHPArchitect” Magazine
- Blog: rosstuck.com

Education

- Attended University of West Florida, studied Computer Science.

Languages

- English (native speaker)
- Dutch (professional proficiency)

Technical Skill Set

Languages

- PHP
- JavaScript

Methodology

- Domain Driven Design
- Hexagonal Architecture

Quality Assurance

- PHPUnit
- PHPSpec & Behat

Frameworks

- Symfony
- Laminas/Zend

Provisioning

- Docker
- Ansible

Currently Learning

- Haskell
- System Performance