

Mathijs Baaijens

Amsterdam, Netherlands
mathijs@mathijsbaaijens.nl

TECHNOLOGY SKILLS *Programming Languages:* TypeScript, Python, Haskell, C, C++
Infrastructure: AWS, Terraform, Kubernetes, Unix
Machine Learning: JAX, MLIR, TensorFlow, Keras
Web: Node, Express, Svelte

EXPERIENCE

Principal Engineering Consultant May 2022 - present
Edge Impulse Inc., Amsterdam, Netherlands & San Jose, USA

- Translate state-of-the-art research into viable new product features resulting in increased revenue.
- Rapidly develop and deploy new features for prospective customers.
- Full-stack web application development.

Interim CISO May 2022 - present
Edge Impulse Inc., Amsterdam, Netherlands & San Jose, USA

- Completed SOC2 Type 1 & 2 compliance implementation and audit.
- Managed risk assessment and mitigation.
- Established cybersecurity framework.

Interim Infrastructure Team Lead December 2019 - May 2022
Edge Impulse Inc., Amsterdam, Netherlands & San Jose, USA

- Architected AWS based infrastructure for machine learning platform.
- Recruited and led infrastructure team.

Interim Lead Developer May 2019 - April 2020
Postcode Lotterij DT gGmbH, Düsseldorf, Germany

- Architected AWS based infrastructure for corporate website and lottery ticket sales funnel to migrate away from traditional co-located datacenter.
- Selected technology stack for a rebuild of the corporate website.
- Educated junior developers on new technology (GraphQL, Terraform, ...)

Co-founder / Lead Developer January 2015 - May 2019
Leaplines, Leiden, Netherlands

- Developed and architected multiple Ruby on Rails / React / GraphQL / PostgreSQL web applications.
- Maintained hosting environment based on OpenStack / Terraform / Rancher / AWS.
- Functionally designed multiple web applications.
- Managed junior developers and UX designers.

Freelance iOS Developer May 2014 - December 2014
Digitalisma, Nieuwendijk, Netherlands (remote)

- Developed two new native iOS and Android applications.

Freelance iOS Developer March 2014 - Augustus 2014
Appical, Amsterdam, Netherlands

- Implemented multiple features in an existing native iOS application for employee onboarding.

Co-founder / Lead Developer December 2011 - July 2014
Brewin' Apps AS, Oslo, Norway (partly remote)

- Developed and architected multiple native iOS / Android applications.
- Recruited and onboarded new developers.
- Managed junior developers and UX designers.

Software Engineer December 2009 - November 2011
Quinity, Utrecht, Netherlands

- Implemented multiple new features into a large existing Java web-based policy and claims administration system.

Software Engineering Support Employee March 2009 - November 2009
Quinity, Utrecht, Netherlands

EDUCATION *MSc Computer Science (paused)* September 2013 - Augustus 2016
Universiteit Utrecht

BSc Computer Science (3.81 GPA) September 2009 - January 2013
Universiteit Utrecht

BSc Physics (uncompleted) September 2007 - March 2009
Universiteit Leiden

CERTIFICATES Oracle Certified Web Component Developer for the Java Platform June 2011
Sun Certified Programmer for the Java 2 Platform, SE 6.0 June 2010

LANGUAGES Dutch Native tongue
English Professional fluency