



# Chipta

Lead Developer Sep 2014 - Jun 2024

Ticketing Service Amsterdam, NL

Led technical development of innovative ticketing platform for 10 years, scaling from concept to processing thousands of tickets per minute during peak events. Transformed proof of concept into robust, scalable platform serving thousands of events.

## Key Achievements:

### Team Leadership

Managed development teams of 3-5 developers using agile methodologies and strict code review processes

### Platform Scalability

Optimized SQL queries & Python processes with 30-60%, enabling platform to process thousands of orders per minute



Led ticket scan app creation using React Native & WebSockets, supercharging scalability and increasing revenue by +40%



Modernized frontend using React, MobX, responsive design & web components, increasing user engagement by +30%

### System Reliability

Established quality testing suite using Django and Selenium (+80% coverage) decreasing regression bugs by about 95%

### System Reliability

Orchestrated CI/CD systems on Linode using Ansible & Python, reducing deploy time by +60%, enabling regular releases

### System Reliability

Coordinated development environment setup of 4 Docker microservices in Docker Compose, streamlining onboarding

### Technical Innovation

Customized Django codebase for maintaining backward compatibility with old PHP system & database

### Market Expansion

Integrated Zoom with OAuth, enabling clients to organize automatically managed online events with Zoom

### Market Expansion

Implemented TicketSwap REST APIs using DRF, allowing users to validate authenticity of 2nd hand tickets

### Payment Integration

Guided payment service integrations (Mollie, Pay.nl, Paypal), processing tens of millions in payment transactions

### Market Expansion

Improved internationalization features (language, country & timezone) enabling market expansion to Eurozone countries

## Technologies Used:

Python

Django

Django REST Framework

Django Channels

Rik Wouters

- Senior Full Stack Developer (2/7)

Django Silk

Jinja2

Weasyprint

MySQL

Ansible

Python Fabric

Linode

Nginx

Redis

HAProxy

Selenium

OAuth

Node.js

React

MobX

Lit

Web Components

Web Sockets

React Native



## Tender-it

Lead Developer (part time) Mar 2015 - Jun 2022

Tender/Procurement Discovery Platform Amsterdam, NL



Built comprehensive tender discovery platform from scratch, enabling companies to efficiently find and track public procurement opportunities. Delivered complete platform with intuitive interface and administrative tools as part-time engagement.

### Key Achievements:

#### Product Development

Directed agile/scrum methodology while designing complete platform in consultation with non-technical founders

#### Search Innovation

Developed industry-first Elasticsearch-powered search engine for filtering & scoring hundreds of thousands of tenders

#### Data Automation

Engineered automated web crawling system importing & transforming thousands of tenders daily into structured data

#### Revenue Model

Built subscription-based authentication system with monthly & yearly recurring payments supporting business model

#### Revenue Model

Created automatic notification mailing system for user configured tender preferences and saved searches

#### Revenue Model

Enhanced frontend in coordination with frontend developer using Vue.js, providing professional platform aesthetics

### Technologies Used:

- Python
- Django
- Django REST Framework
- Django Celery
- Python Requests
- MySQL
- Beautifulsoup
- Elasticsearch
- Linode
- Nginx
- Node.js
- React
- Vue.js
- Webpack



## TravelBird

Senior Full Stack Developer    Mar 2013 - Aug 2014

Online Travel Agent    Amsterdam, NL

travelbird.com/



TravelBird

Contributed to mobile app development during rapid growth phase (50 to 250+ employees), supporting European market expansion. Delivered iOS app and mobile website during critical period for travel industry mobile adoption.

### Key Achievements:

#### Mobile App Development

Shipped native iOS booking app in scrum team (4) within 5 months, handling 15%+ of bookings within first 3 months

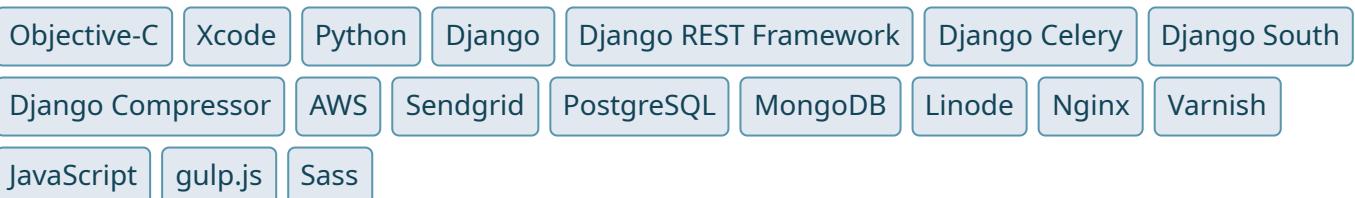
#### Mobile App Development

Designed REST API using DRF, deployed on AWS, accommodating new iOS & Android apps and mobile website

#### Email Marketing Platform

Built email marketing system using Python & SendGrid, sending thousands of emails, supporting acquisition

### Technologies Used:





## SWIS

👤 Mid-level Web Developer     📅 Aug 2011 - Feb 2013  
🏢 Web Development Agency     💻 Leiden, NL  
✉️ [swis.nl/](http://swis.nl/)



Delivered web solutions for high-profile clients including major e-commerce and government organizations as part of dedicated Scrum team. Maintained agency's reputation for quality while meeting diverse client requirements.

### Key Achievements:

#### 📍 Client Delivery

Delivered web projects for major clients (Bol.com, Gemeente Amsterdam) as part of company's best of 5 Scrum teams

#### 📂 Frontend & CMS Development

Cultivated advanced frontend & UX skills with jQuery & CSS3, increasing user product engagement & client satisfaction

### Technologies Used:

PHP MySQL Apache Linux XAMPP HTML5 CSS3 JavaScript AJAX jQuery jQuery UI  
Underscore.js Bootstrap Responsive design Firebug



## Gamepoint

Junior / Mid-level Web Developer    Aug 2007 - Jun 2011  
Casual Gaming Community    The Hague, NL  
 gamepoint.biz/



**GamePoint**

Progressed from junior to mid-level developer at established gaming community platform serving hundreds of thousands of users. Contributed to platform stability, feature development, and system enhancements.

### Key Achievements:

#### Platform Development

Implemented payment integrations, internationalization, and optimized MySQL database structures & queries

#### Team Collaboration & Growth

Promoted to mid-level developer in 10+ developer team, maintaining large-scale PHP codebase & Linux servers setup

### Technologies Used:

PHP    MySQL    Linux    nginx    Memcached    HTML    CSS    JavaScript    jQuery    AJAX  
YUI Library

## References



### Michaël de Groot - Founder of Chipta

*"Rik modernized our client-facing interfaces and implemented optimizations that delivered substantial performance improvements. His work enabled us to process thousands of tickets rapidly during our busiest periods."*



### Elmar Krack - Co-founder of Tender-it

*"Rik demonstrated exceptional technical leadership by designing and developing our entire platform from the ground up, handling both backend and frontend development with impressive skill."*



Contact details available upon request.