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**	📈 **Platform Scalability**
Managed development teams of 3-5 developers using agile methodologies and strict code review processes	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**	🛡 **System Reliability**
Established quality testing suite using Django and Selenium (+80% coverage) decreasing regression bugs by about 95%	Ochestrated CI/CD systems on Linode, using Ansible & Python, enabling reliable regular deployment and releases

🛡 **System Reliability**	💲 **Payment Integration**
Coordinated development environment setup of 4 Docker microservices in Docker Compose, streamlining onboarding	Assisted payment service integrations (Mollie, Pay.nl, Paypal), processing tens of millions in payment transactions

⚙ **Technical Innovation**	🌐 **Market Expansion**
Customized Django codebase for maintaining backward compatibility with old PHP system & database	Implemented TicketSwap REST APIs using DRF, allowing users to validate authenticity of 2nd hand tickets

🌐 **Market Expansion**	🌐 **Market Expansion**
Integrated Zoom with OAuth, enabling clients to organize automatically managed online events with Zoom	Improved internationalization features (language, country & timezone) enabling market expansion to Eurozone countries

Technologies Used:

Python   Django   Django REST Framework   Django Channels   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

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Tender-it

👤 Lead Developer (part time)   📅 Mar 2015 - Jun 2022

🏢 Tender/Procurement Discovery Platform   📍 Amsterdam, NL

TENDER-IT
FIND IT, WIN IT

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**	🔍 **Search Innovation**
Directed agile/scrum methodology while designing complete platform in consultation with non-technical founders	Developed industry-first Elasticsearch-powered search engine for filtering & scoring hundreds of thousands of tenders
🖥 **Data Automation**	💲 **Revenue Model**
Engineered automated web crawling system importing & transforming thousands of tenders daily into structured data	Built subscription-based authentication system with monthly & yearly recurring payments supporting business model
💲 **Revenue Model**	💲 **Revenue Model**
Created automatic notification mailing system for user configured tender preferences and saved searches	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/

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:

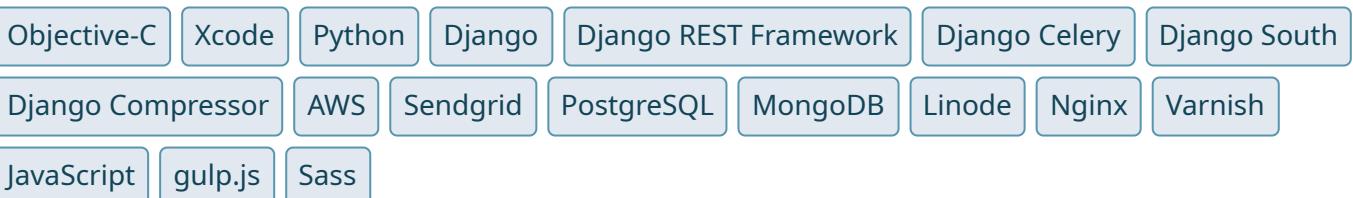| 📱 Mobile App Development	📱 Mobile App Development
Delivered native iOS booking app in scrum team (4) within 5 months, handling 15%+ of bookings within first 3 months	Designed REST API using DRF, deployed on AWS, accommodating new iOS & Android apps and mobile website

✉ Email Marketing Platform

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

Technologies Used:

Objective-C   Xcode   Python   Django   Django REST Framework   Django Celery   Django South

Django Compressor   AWS   Sendgrid   PostgreSQL   MongoDB   Linode   Nginx   Varnish

JavaScript   gulp.js   Sass

SWIS

👤 Mid-level Web Developer   📅 Aug 2011 - Feb 2013

🏢 Web Development Agency   📍 Leiden, NL

🔗 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.
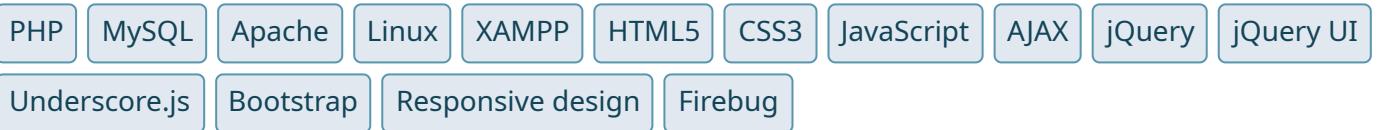
Key Achievements:

🗣 Client Delivery	📄 Frontend & CMS Development
Completed web projects for major clients (Bol.com, Gemeente Amsterdam) as part of company's best of 5 Scrum teams	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

Professional Experience

Gamepoint

👤 Junior / Mid-level Web Developer   📅 Aug 2007 - Jun 2011

🏢 Casual Gaming Community   📍 The Hague, NL

🔗 gamepoint.biz/

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	👥 Team Collaboration & Growth
Implemented payment integrations, internationalization, and optimized MySQL database structures & queries	Advanced from junior to mid-level in 10+ developer team, contributing to 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.