

Martin Bažík

Hands-on Engineering Leader & Full-Stack Architect

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Engineering leader and software architect with 20+ years building SaaS, web platforms, and distributed systems. Hands-on across React, TypeScript, Go, PHP, AWS, GCP, CI/CD, and platform modernization, while leading teams of up to 10. Delivered 20+ web applications across Europe and the US, including products serving 100k+ monthly users. Scaled Billdu across 30+ countries and 100k+ monthly invoices; cut Eyeball AWS video costs by approx. \$360k/year. Focused on technical leadership, platform architecture, and direct execution in product-focused engineering organizations. Based in Slovakia (CET) - daily overlap with U.S. East Coast mornings.

EXPERIENCE

Deputy CTO & Architect - Eyeball

Dec 2021 - present

- Saved approx. \$360k/year in AWS costs by designing and building a custom Python video-processing pipeline
- Grew and led a 10-person in-house product engineering team across backend, frontend, design, and QA, transitioning delivery from outsourced development to internal ownership
- Owned end-to-end platform architecture, technical delivery, and engineering standards across the product stack
- Rearchitected a Symfony monolith into a decoupled React client and PHP API, improving maintainability and delivery speed
- Designed and built AWS-based CI/CD from scratch, enabling per-branch testing and independent deployments for the mobile API and web applications

Stack: AWS, Docker, PHP/Symfony, Node.js/Bun, Python, React, TypeScript, MySQL.

Deputy CTO & Architect - Billdu Ltd.

Nov 2013 - Jun 2018

- Scaled an invoicing SaaS platform to tens of thousands of paying customers across 30+ countries
- Owned web application and API architecture supporting hundreds of thousands of monthly invoices
- Modernized the platform by rearchitecting the core PHP/Nette/Symfony application and API
- Expanded product and operational capabilities by delivering platform services for logs, newsletters, mail, push notifications, and CI/CD
- Led architecture, technical delivery, and hands-on implementation as Deputy CTO

Stack: AWS, Docker, PHP/Nette, Symfony, Go, React, RabbitMQ, MySQL, MongoDB.

Co-founder, Web & Backend - UlozDoklad

2020 - present

- Shipped a live receipt-tracking SaaS for QR-code cash receipt scanning and expense tracking
- Delivered the product end-to-end as a self-funded co-founder alongside full-time engineering roles
- Built and maintained frontend, backend, cloud deployment, and CI/CD solo

Stack: React, Redux Toolkit, Next.js, Go, GCP, Bitbucket Pipelines, GitHub Actions.

Team leader - Allied Irish Banks

Apr 2021 - Dec 2021

- Delivered bank-employee mortgage calculator on schedule with zero launch defects
- Improved maintainability and review velocity by introducing TypeScript and modern code-quality tooling
- Led a 6-person React team through delivery, architecture decisions, and engineering standards

Stack: React, Redux, Formik, TypeScript, Node.js.

Team leader - Carvago/TEAS

Jun 2020 - Apr 2021

- Shipped the car-service side of the new TEAS DMS by leading a 3-person React team
- Accelerated other Carvago teams by designing and shipping an adopted shared platform library
- Drove architectural decisions across the workstream and enabled broader application delivery

Stack: Next.js, React, Redux Toolkit, Saga, Node.js.

React.js developer/architect - GotCourts Ltd.

Jun 2018 - May 2020

- Rebuilt the player-facing web app from scratch on a modern React architecture
- Supported tens of thousands of players booking courts by replacing the legacy frontend

Stack: React, Redux, RxJS, Node.js, WebSockets, AWS Lambda, Go, Docker.

Selected Consulting & Product Delivery - BAZIK / Traveledata / Commander / Side Projects

Oct 2013 - present

- Delivered selected client platforms and APIs end-to-end through independent consultancy
- Unblocked Traveledata CMS delivery and shipped Commander fleet route-planning capability
- Built multiple side projects end-to-end, including realtime social products and a golf-school information system

Stack: React, Go, Node.js, PHP/Nette, WebSockets, MySQL, MongoDB.

Lead Developer/Architect - Fatchilli.com

Oct 2012 - Apr 2013

- Shipped rtvs.sk CMS and public website for Slovakia's national broadcaster
- Implemented video archive and online-streaming restrictions for rights, geo, and licensing windows
- Built Node.js + ZeroMQ streaming control plane for live and on-demand broadcaster video infrastructure
- Led architecture and delivery as Tech Lead and Team Lead for a 7-person team

Stack: PHP/Nette, Node.js, MySQL, ZeroMQ, JavaScript.

Earlier Technical Leadership Roles - digita.sk / Expresta

Apr 2010 - Nov 2012

- Shipped Jobzine.sk, a social network combining Facebook, Twitter, LinkedIn, and Flipboard concepts
- Delivered realtime social and intranet systems with RabbitMQ pub/sub and long-polling before WebSocket adoption
- Built aggregated activity feed, notifications, chat, and Expresta IVR with live caller-context screen-pop for agents
- Led technical direction and teams up to 5 across social and intranet platforms

Stack: PHP/Nette, MySQL, MongoDB, RabbitMQ, JavaScript.

EDUCATION

Aalborg University, Humanistic Informatics

2010 - 2012

Human-computer interaction studies. Designed a publishing system for field journalists, developed alongside my Expresta engineering role.

Master, Comenius University, Faculty of Management

2005 - 2010

Bachelor's in General Management; Master's in Information Systems Management.

University West Trollhättan

2009 - 2009

Erasmus exchange semester – coursework in management, human-computer interaction, and data warehousing.

LANGUAGES

English: Professional • German: Advanced • Slovak: Native • Spanish: Intermediate

TECH STACK

LANGUAGES	TypeScript (10 yrs) • Go (10 yrs) • Python (3 yrs) • PHP/JS (20+ yrs)
FRONTEND	React • React Native • Next.js • Astro • Tailwind • Playwright • Storybook • Figma
BACKEND	Node.js • Bun • Symfony • Fastify • tRPC
DATA	MySQL • MongoDB • Redis • Elasticsearch • DynamoDB
DEVOPS & CLOUD	Docker • AWS • GCP • Firebase • Ansible • Git