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Bart Zalewski

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Senior Software Engineer with 5+ years building AI-driven full-stack systems, leading teams, and architecting enterprise micro-frontends.

Relevant Experience

Senior Software Engineer   **90 Seconds**   **Jul 2023–Present**

Singapore

- Delivered robust production code for major enterprise clients, including VISA, Microsoft, Uber, Amazon, and PayPal.
- Architected a React Native mobile app integrating multiple web micro-frontends, significantly enhancing app performance.
- Optimized the ordering micro-frontend using React, TypeScript, Redux, and Apollo GraphQL, improving functionality and UX.
- Led engineering efforts through daily code reviews, mentorship, and the development of E2E/unit test suites from scratch.
- Spearheaded performance initiatives that reduced load times while supporting recruitment and technical documentation.

Senior Software Engineer   **Nomtek**   **May 2023–Jun 2023**

Wroclaw, Poland

- Developed a Next.js & TypeScript reading skills app, integrating CI/CD pipelines with GitLab and Vercel for efficient deployment.
- Engineered a secure video interview platform with real-time recording capabilities using React, AWS, and Material UI.
- Mentored a Junior Developer on best practices and code quality, fostering professional growth and independence.
- Ensured code scalability through rigorous reviews and implemented responsive design principles for cross-device compatibility.
- Collaborated with cross-functional teams to deliver optimal client solutions, resulting in high satisfaction.

Software Engineer   **Right Information**   **Jan 2023–Apr 2023**

Wroclaw, Poland

- Launched a live fitness app with real-time heart rate monitoring and virtual backgrounds using React.js, Swift, and Kotlin.
- Developed a complex admin dashboard using Vue.js, Vuex, and TailwindCSS, streamlining administrative tasks.
- Engineered a custom graph algorithm for the dashboard to enhance data processing and visualization capabilities.
- Built a private React.js admin dashboard to support a client's expansion into international markets.
- Served as technical lead during client reviews, translating business goals into actionable technical solutions.

Software Engineer   **Nomtek**   **Nov 2022–Dec 2022**

Wroclaw, Poland

- Delivered front-end solutions for a Web3 NFT Marketplace using Next.js, TailwindCSS, and Cypress.
- Engaged with clients to propose scalable architecture and integrated third-party APIs to extend functionality.
- Conducted thorough code reviews to enforce best practices and improve overall codebase quality.
- Collaborated on the design of functional, visually appealing user interfaces to enhance user engagement.
- Worked closely with backend teams to ensure seamless integration and data consistency.

Software Engineer   **90 Seconds**   **Dec 2020–Oct 2022**

Singapore

- Developed a comprehensive web app (browsing, ordering, delivery) using React, TypeScript, GraphQL, and Redux.
- Constructed a modular micro-frontend ordering system using Apollo GraphQL and Storybook to improve scalability.
- Architected the front-end framework for service ordering tools, including pricing and team editors.
- Created the initial React Native mobile app to boost mobile engagement and delivery functionality.
- Initiated a content management micro-frontend for file uploads and participated in developer recruitment.

Skills

- **Languages**:   TypeScript, Dart, Swift, Kotlin, Ruby, Python, Go
- **Technologies**:   React, Next.js, Nest.js, React Native, Vue, Node.js, Flutter, ArgoCD, Cloudflare, Jest, Playwright, GraphQL
- **Other**:   AI, Vercel, MongoDB, PostgreSQL, Docker, Kubernetes, AWS, GCP, Webpack, Storybook, Firebase, Figma

Selected Projects

- **PostQuick -** AI social scheduler for 9 platforms; built auto-captioning and bulk scheduling that reduces workflow time by 80%.
- **Fridgo** - Smart inventory system (Web/Mobile) with real-time syncing, AI recipe generation, and waste-tracking analytics.
- **StayHard** - Gamified habit tracker featuring an adaptive AI algorithm that scales difficulty based on real-time user performance.

Interests

- AI automation, SaaS architecture, web animations, coding challenges, technology meetups, open-source, tech blogging