MACIEJ KOLBER

Senior Software Engineer

+48 22 219 6529 • maciejkolber333@gmail.com • Warsaw, Poland • maciej@fortunes.tech

Summary

A results-oriented software engineer with 10+ years of expertise in web and mobile development. Specializes in building and optimizing user-focused websites and applications. Professional engineering background with a Bachelor of Science (B.Sc.) in Computer Science. Enthusiastic about using technology for innovation, bring a 'get-it-done' spirit to every project. Love family, friends and sports.

Education

Warsaw University of Technology

B.S. in Computer Science   2011 - 2015

Experience

Fortunes Tech   Goffstown, NH, USA

Senior Software Engineer   04/2021 - Present

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Spearheaded the transition of online meeting platform from **PHP**, **DailyJS** old stack into modern **NextJS**, **Python Flask**, and **LiveKit**-based architecture, resulting in a remarkable 300% increase of client company's revenue.
- Implemented high-performance RESTful API endpoints using **Node.js** and **Nest** Framework.
- Designed **Postgres** database for microservices and optimized its performance by implementing advanced indexing strategies and query optimization.
- Led and participated in the development of various web and mobile applications including Renude, Relik, and Droneblocks using cutting-edge technologies, including **React**, **React Native**, **Next.js**, **Node.js**, **Golang**, **Python**, and **Laravel**.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Strong background in cloud computing, including **AWS**, **GCP**, **Docker** and **Kubernetes**, proficient in designing and implementing cloud architectures, deploying and managing applications.
- Worked on CI/CD tools like **Jenkins** to automate the build process from version control tool into testing and production environment.

Velocity Global   Denver, CO, USA

Full Stack Engineer   03/2020 - 03/2021

- Served as one of the lead engineers in the development of Customer Experience Platform(CXP)-SaaS product of the company with a team of senior developers leveraging **React**, **NextJS**, **Golang**, **GraphQL**, **Docker**, and **AWS**.
- Developed RESTful webservices and microservices using **Golang** for reading large volume of data from Postgres database.
- Laid and designed architectural foundation of **GraphQL** layers for transport route optimization and billing automate.
- Built a semi-auto mechanism which synchronously migrates CXP database into Glean data source using **React**, **Node**, **Python** and **Glean APIs**, resulting in a 30% improvement in speed and accuracy of data searching.
- Participated in the development of Document Management Platform(DOCX), providing **AWS Lambda**, **FormKiQ** and **OPA** solutions, and building high-performance RESTful APIs using **TypeScript** and **NodeJS**, handling an average of 1,000 large-scale requests per hour.
- Collaborated with staff and principal engineers to provide **proof of concept**, **TDD**, and design and develop robust solutions to meet product requirements.
- Worked on managing the **Git workflow**, reviewing the completed tasks and conducting the code reviews.
- Mentored less experienced team members to follow the advanced development principles and methods.

NATEK   Warsaw, Poland

Web Development Specialist   02/2018 - 02/2020

- Collaborated with design team to create a custom **JavaScript UI framework** used across the company's internal projects, which improved development efficiency by 30% and ensured consistent branding and UI across the application.
- Led the end-to-end development process, including database design, frontend and back-end development, and **AWS** deployment, utilizing **Node**, **React**, **React Native** and **MongoDB** as the tech stack.
- Migrated existing old **Angular** projects to **React** using **React Hooks**, **Redux**, **Typescript**, **TailwindCSS**, **Styled Components** and configured the front-end application architecture.
- Overcame the challenge of limited payment integration options in Malaysia by conducting extensive research and selecting the best available service.
- Successfully delivered the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are actively utilizing the platform's car and motorcycle lending services.
- Developed **BOTs** for car renting and property management services using **Chatfuel**, **Facebook**, and **Dialogflow BOT** frameworks for **Facebook Messenger**.

Experience

NATEK
Warsaw, Poland

Front End Engineer
10/2016 - 01/2018

- Worked with a team of developers to migrate the existing UI from **AngularJS** to **React**, adding an extensive list of new features, unit tests and **e2e tests** for all features, key users, and roles.
- Played key role in development of 5+ robust full-stack web application using **Django**, **Vue.js**, **Vuex**, **Vuetify**, **PostgreSQL** for educational institutions.
- Integrated a third-party identity service, **OKTA**, and related UI flows, including account activation, login, forgot password, and session management using **JWT**, token validation, and session cookies.
- Take part in development mobile app using **Flutter**, **Dart**, **Google Maps API**, **GraphQL** for a travel agency.
- Use the latest features of **C#** and **.NET**, like async/await for asynchronous programming, **.NET Core** for dependency injection, and **NUnit** for unit testing, to create code that is high-quality, easy to maintain, and meets business requirements.
- Supported the CTO with various management tasks as high-level architectural decisions.

Accenture
Warsaw, Poland

Software Engineer
08/2015 - 10/2016

- Developed web applications using sophisticated JavaScript frameworks, as well as frameworks such as **Laravel**, **Django**, **Flask**, and **Spring Boot**.
- Refactored the client-side of applications into a reliable **SPA** architecture.
- Provided seamless user interface, kanban board, data visualizations, and designed overall user experience.
- Wrote high-quality code which covered 100+ unit and **e2e** tests to verify the functionality of UI components and overall workflow.
- Stayed updated with the latest **React** and **React Native** trends and libraries to enhance the app's competitive edge.
- Provided powerful support to senior developers after becoming proficient in React and frontend technologies, resulting in a stronger, more efficient tech team.

Skills

React · React Native · Next.js · AngularJS · VueJS · Redux · SCSS · Material UI · Tailwind CSS · Storybook · Jest · Cypress

Node.js · ExpressJS · NestJS · Python · Flask · Laravel · Go · MySQL · PostgreSQL · Redis · Elasticsearch · GraphQL · MongoDB

Docker · Kubernetes · AWS · Google Cloud Platform · Azure · Firebase · Supabase · Hubspot · Github · CI/CD · Jenkins

Strengths

◈ Team Collaborator	◈ Detail-Oriented Developer	◈ Calm Decision-Maker
Encourages open communication, fosters innovation, supports colleagues.	Ensures thorough implementation, optimizes processes, improves performance.	Maintains composure, rationality in high-pressure situations, ensures success.

Find me online

in LinkedIn	🌐 Portfolio	◯ GitHub
linkedin.com/in/maciej928	maciejkolber.netlify.app	github.com/techexpert0119

Certification

React Expert Certificate — Hackerrank

Backend Developer Certificate — Triplebyte

AWS Certified Solutions Architect — Testdome