

Dako Mihailov

SENIOR FRONTEND ENGINEER



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Bulgaria



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SUMMARY

As a passionate Senior Frontend Developer with over 9 years of experience, I have honed my expertise in creating visually stunning, user-friendly, and high-performance web applications. My dedication to staying up-to-date with the latest trends and technologies has enabled me to deliver exceptional results for my clients and drive their businesses to new heights.

SKILLS

LANGUAGES

- JavaScript / TypeScript
- Python
- Java
- PHP
- C#

FRAMEWORKS

- React / Next / React Native / Vue
- Angular / Gatsby / Electron.js
- Redux / MobX / Vuex
- Storybook / Material-UI / Tailwind
- REST / GraphQL
- Spring / Spring Boot / Struts
- Express / Nest.js / Koa / Sails
- Mocha / Chai / Jasmine / Jest

TOOLS

- Jenkins / CircleCI / Github Actions
- Docker / Kubernetes
- AWS / GCP / Azure

DATABASES

- MySQL / PostgreSQL / MSSQL
- MongoDB / DynamoDB
- Redis / Memcached
- ElasticSearch

HARD SKILLS

- Agile / Kanban
- CI/CD
- Unit Testing
- Performance Optimization

SOFT SKILLS

- Team Collaboration
- Flexibility
- Effective Communication
- Problem Solving
- Detail Oriented
- Deadline Management

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer

Yellow Systems • Mar 2020 - Mar 2023

- Built out a customer-facing website in the AI industry and produced a new customer experience
- Adopted testing-related technologies to a **React** project, like **Typescript**, **Jest**, **Mocha**, **Chai**, **Cypress**, **React-test-renderer**, and **Sentry** to track the history of bugs and write bug-free and predictable components.
- Optimized the performance by re-writing the structure of the project and following memorizing best practices (useMemo, useCallback).
- Analyzed the application performance by avoiding unnecessary re-renderings and following the best practices like memorization hooks, lazy loading.
- Built desktop application using **Electron.js** and divided the web project into mono repos and managed them effectively to reuse across another mobile project.
- Improved performance and **SEO** by migrating the existing codebase from **React** to **Next.js**
- Built a dictionary of reusable, customizable components to accelerate development speed and maintainability using **Storybook**, **MUI + React Hooks** and make it sharable across multiple projects.
- Collaborated with backend developers to integrate GraphQL APIs and improve overall application performance.
- Contributed to build server-less architecture using AWS Lambda functions with Node.js and Python.
- Worked in an agile environment and maintained effective team communication going through all phrases of **SDLC** like application design, development, debugging, testing and deployment
- Led the frontend development team to create and maintain web applications for high-profile clients, resulting in a 95% client satisfaction rate.

Full Stack Engineer

Oxley Enterprises, Inc • Feb 2017 - Feb 2020

- Played key role in building project management platform.
 - Developed reusable components with **Storybook**, leveraging existing components to create complex user interfaces and features.
 - Implemented tasteful UI/UX design along with modern and appealing features like dark mode and animation with **Framer Motion**.
 - Established the team's accessibility standards and code style guides.
 - Lead the front-end engineering team according **TDD** method and supervised and managed a dozen developers during the entire development lifecycle.
- Designed API endpoints using **Node.js**.
 - Led the transition from **RESTful API** to **GraphQL** by setting up Apollo Server / Client, resulting in improved performance and intuitive developer experience.
 - Used Dgraph and **Swagger** to document APIs and ensure easy maintenance of endpoints while also leveraging **Postman** to test and debug APIs.
- Set up **CI/CD** using **Jenkins** deploying SPA to AWS S3 buckets and developing **AWS** Lambda functions.
- Implement **Redis** for caching, Sentry.io, and Mixpanel for logging issues on production mode and tracking user activities.

Frontend Developer

QUAPE PTE LTD • Oct 2015 - Jan 2017

- Assisted in the development of frontend features for multiple client projects using HTML5, CSS3, JavaScript, React.js and Node.js.
- Helped implement responsive designs for better mobile user experience, resulting in a 25% increase in mobile traffic.
- Supported testing and debugging efforts to ensure cross-browser compatibility and adherence to web standards.
- Actively participated in weekly agile sprint meetings and contributed to project documentation.

EDUCATION

Tsinghua University

Sep 2011 - Sep 2015

Bachelor's Degree

Computer Science
