

Kristo Baricevic

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Open to Remote Opportunities

SOFTWARE DEVELOPER

SKILLS

Languages: JavaScript, TypeScript, Java, Python, SQL, HTML/CSS

Frameworks & Libraries: React, Next.js, Node.js, Express, Django, .NET, Three.js, PostgreSQL, MongoDB

DevOps & Tools: Docker, GitHub, Postman, ClickUp, RESTful APIs

WORK EXPERIENCE

CallSine

Philadelphia, PA (onsite)

Fullstack Developer (current role)

Frontend Developer (starting role)

May 2024 - Current

December 2024 - Current

May 2024 - December 2024

- **Led comprehensive platform migration** from Create React App to Next.js to address performance limitations, implementing modern architecture that significantly improved application performance and user experience/
- **Architected backend optimization strategy** for Django API serving large datasets, refactoring complex serializers into streamlined flat structures to resolve performance bottlenecks affecting tens of thousands of database entries
- **Developed real-time analytics platform** to meet user demand for data insights, building customizable Three.js charts and visualizations integrated with Django backend to deliver actionable performance metrics
- **Managed complete production infrastructure** including Docker containerization, system monitoring, and daily maintenance operations, ensuring consistent uptime and system reliability for user base
- **Provided technical leadership** in customer support operations, implementing rapid hot-fix deployment processes and maintaining high customer satisfaction through responsive issue resolution
- **Introduced Redux Toolkit for global state management** to address application state complexity issues, implementing standardized store architecture and slice patterns that created a robust and manageable state system across the entire frontend application

PROJECT EXPERIENCE

Balancer - 2023 ([Code For Philly](#) || React, Node.Js and Python)

- **Built responsive React components using TypeScript** following established design system standards, improving code maintainability and development velocity for the team
- **Collaborated cross-functionally with UX/UI and backend teams** to implement seamless user workflows while ensuring robust data validation and efficient API integration

AI-Enhanced Dream Journal – 2024 (React, Node.js, Python, Django, FastAPI, Docker, Digital Ocean)

- **Designed and implemented an AI pipeline** with OpenAI API and LangChain to generate real-time thematic and emotional analysis by cross-referencing a custom knowledge library.
- **Built a RESTful backend in Django** and configured containerized deployment on Digital Ocean with Docker, ensuring a reproducible and portable development environment.
- **Integrated FastAPI microservices** to handle third-party API calls asynchronously, improving system efficiency and keeping the main backend lightweight.

Photography App - 2022 (Javascript, React, Express.Js, Node, MongoDB)

- **Developed a full-stack photo management application** with searchable keyword tagging and dynamic filtering capabilities, managing 500+ images using MongoDB, Express.js, React, and Node.js
- **Designed and implemented a card-based interface architecture** with responsive grid layouts and interactive search functionality, enabling users to efficiently browse keyword-grouped photo collections

EDUCATION

Tufts University, Medford, MA

Post-baccalaureate Certificate in Computer Science (2024)

Masters in Computer Computer Science (est. 2026)