KONSTANTIN NIKOLAEV

Software Engineer

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EDUCATION

Bachelor of Science in Management

California State University, Northridge

📅 2017 - 2021

📍 Los Angeles, CA

Bachelor of Arts in Economics

California State University, Northridge

📅 2017 - 2021

📍 Los Angeles, CA

Awards

- Dean's List

SKILLS

- JavaScript, ES6, Typescript,
- React, NodeJS, Next.JS, GraphQL
- Firebase, MongoDB
- HTML/ CSS, Bootstrap, Tailwind GitHub
- Testing (Jest, Cypress)
- Agile Methodologies (Scrum)
- Project Management (planning, timing, budgeting)
- Adobe Lightroom, Photoshop

ABOUT

Results-driven software engineer with a background in economics and management, combining technical expertise with a strong business acumen. Skilled in full-stack development, I bring a unique perspective to problem-solving, considering both technical and strategic aspects.

PROJECTS

Messenger Application

- Implemented user authentication and authorization using Next.js and GraphQL to ensure secure access to the application.
- Developed a scalable backend using Prisma and MongoDB, enabling efficient storage and retrieval of user data, conversations, and messages.
- Implemented real-time messaging functionality using WebSocket technology, enabling instant messaging and updates between users.
- Through this project, I gained valuable experience in building real-time applications, implementing authentication and authorization systems, and working in an agile development environment. I further honed my skills in React, Next.js, GraphQL, Prisma, MongoDB, and TypeScript.

Blogging Platform

- The platform enables users to create, manage, and publish their own blogs while providing an engaging experience for readers.
- Implemented user registration and authentication functionalities using Firebase to ensure secure access to the platform.
- Developed a flexible and scalable backend architecture using Firebase's database services for efficient storage and retrieval of user data, articles, and comments.
- Implemented a commenting system to encourage reader engagement and facilitate meaningful discussions on blog posts.
- Through this project, I honed my skills in frontend development, user authentication, database management, and UI/UX design. It provided me with hands-on experience in working with Firebase, Tailwind CSS, JavaScript, React, and Next.js.

Algorithm Visualizer

- Implemented a user-friendly interface using React and TypeScript, allowing users to interact with and control the visualization process.
- Improved algorithms and data-structures knowledge/understanding.
- The algorithm visualization application project showcased my passion for making complex concepts accessible and engaging, my attention to detail in creating interactive visualizations, and my commitment to providing a valuable learning experience for users.

Expense-Tracker

- Using Typescript, built and deployed a mobile-first web-application with Firebase, Next.js, and Tailwind.
- Implemented interactive charts and visualizations to provide users with a comprehensive overview of their spending habits.
- Incorporated features such as expense categorization, budget tracking, and transaction history to empower users in managing their finances effectively.