

# 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
- Python (Django), React, NodeJS,
- Next.JS, Firebase
- HTML/ CSS, Bootstrap, Tailwind
- GitHub
- Testing (Jest, Cypress)
- Agile Methodologies (Scrum)
- Project Management (planning, timing, budgeting)
- Adobe Lightroom, Photoshop

## ABOUT

I am a passionate, software engineer with a blend of business acumen and technical skills from managerial and economic disciplines. These diverse skills allow me to plan, design, and build applications in an effective and efficient way with a focus on user experience.

## PROJECTS

### Blogging Platform with React, Firebase, Next.js, and Tailwind CSS

#### Designer, Developer

- Built and deployed a full-stack web application which includes real time comments with emoji and likes, ability to write articles with a Markdown, upload images, and create a custom username on the platform.
- The app is optimized for a better performance with SSR, SSG, ISR.
- It is secured through Google authentication and Firebase security rules in order to prevent users from accessing each other's data and accounts.

### Algorithm Visualizer with React, Next.js, and TypeScript

#### Designer, Developer

- Web application created for cs students to visualize various algorithms.
- Improved algorithms and data-structures knowledge/understanding.
- One of the challenges was to visualize every step of the algorithm to create proper animation on the front-end.

### Expense-Tracker

#### Developer, Design from Dribbble

- Using Typescript, built and deployed a mobile-first web-application with Firebase, Next.js, and Tailwind.
- The app provides users with ability to add different expenses and group them into a budget with a category. Also, users can visualize basic data-grouping and analysis of their spending with various graphs.
- Challenges included implementing a good UX experience.

### Weather Application

#### Designer, Developer

- Weather application created using React, JS, CSS and Bootstrap with OpenWeatherMap API.
- The application provides hourly and daily forecasts together with additional responsive functionality like wind direction and speed, humidity, uv-index, and more.
- User has an option to use his or her location to see the weather forecast, or to search for preferred city.
- All favorite locations can be stored and saved in local storage for a better user experience.