# Shane Yokota

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## EDUCATION

**University of Southern California** AUG 2022 - MAY 2026
*Bachelor of Science, Computer Science: 3.9/4.0* *Los Angeles, CA*

## SKILLS

**Front-End:** React, Next.js, Angular, JavaScript, Material UI, HTML, CSS
**Back-End:** Node.js, Express.js, Java, C++, Laravel, Python, PHP, MongoDB, Firebase, MySQL
**Developer Tools / Others:** Git, npm, AWS-EC2, AWS-S3, Vercel, GDB, Valgrind
**Languages:** English, Japanese, Korean

## EXPERIENCE

**EZread** JUL 2023 - PRESENT
*Software Engineer Intern* Next.js | Material UI | Node.js | Express.js | MongoDB
- Implemented Next.js server-side rendering to optimize page loads by **14%**, achieving Lighthouse SEO score of **100**
- Built Node.js, Express.js, and MongoDB backend to securely store user credentials and textbook summaries
- Deployed **lazy image loading**, decreasing bandwidth usage by **30%** and improving user experience on the website
- Migrated legacy codebase to Next.js and Material UI, boosting feature development efficiency
- Collaborating with a 6-person team to improve customer conversion rate and SEO metrics

**DreamCoat Software** MAR 2023 - JUL 2023
*Software Engineer Intern* Angular | Spring Boot | MySQL
- Architected a front-end service for clients to easily sign-up for DreamCoat's product placement technology
- Reduced **84% component rendering** by modifying the input value and state management method, resulting in improved performance and preventing potential bottlenecks
- Implemented **token-based authentication** for Spring Boot REST APIs using JWT for secure user authentication
- Collaborated closely with the backend team to ensure a **seamless front-end integration** to backend

**Blue Panther Media** JAN 2023 - JUL 2023
*Software Engineer Intern* HTML | CSS | JavaScript | WordPress
- Led the development of company website aimed for coherent user experience and distribution of media contents
- Developed **10+** new company sub pages with HTML, CSS, and JavaScript, increasing visitor engagement by **15%**
- Achieved a **130% increase in SEO score** by optimizing keywords, metatags, and alt text, increasing website traffic
- Created **interactive features** like modals, dropdowns, and image sliders using JavaScript and jQuery

## PROJECTS

**DevMesh** - *devmesh.vercel.app* JUN 2023 - JUL 2023
*Collaborative cloud platform for all Developers* React | Node.js | Express.js | MongoDB | Socket.IO | AWS
- Developed a full-stack web application with front-end **hosted on Vercel** and back-end **hosted on AWS-EC2**
- Utilized REST API in Express.js with JWT to ensure **secure token-based user authentication**
- Implemented **real-time code editing and messaging** feature using Socket.IO and AWS-EC2
- **Reduced** query time to the database and improved search result accuracy by leveraging **aggregation pipeline**

**Task.clear** - *taskclear.vercel.app* APR 2023 - MAY 2023
*Productivity web application for students at USC* React | Firebase | Python | OAuth
- Developed Todo-App with **task matching** and **analytics** to streamline and enhance task management for students
- Implemented **automated data collection**, enabling the generation of precise and insightful task analysis
- Optimized back-end efficiency and usage by reducing read/write/delete requests from **50,000+** to **4,000** per day
- Ensured **data privacy and security** by utilizing unique user identifier in **Google OAuth** login system