

# DANA SHORTS

## Software Engineer

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📍 Fullerton, CA

🔗 <https://github.com/csudhtoro/>

## SUMMARY

Results-driven technical Professional with 9+ years of experience developing web, batch, and business intelligence solutions for diverse industry clients. Proficient in optimizing business procedures, processes, and productivity through the implementation of bespoke solutions. Deep expertise in algorithms and data structures, enabling the development of efficient and scalable applications.

## EXPERIENCE

### Software Engineer

#### JANUS et Cie

📅 07/2014 - Present 📍 Santa Fe Springs, CA

A luxury furniture and design company specializing in high-end, custom-made furniture and accessories for residential and commercial spaces. Their use of technology enhances the design process, ensures product excellence, and provides clients with innovative, tailored solutions.

- Developed and maintained a high-performance CRM application with Servoy, supporting 1,000+ concurrent users. This application streamlined pre-sales, post-sales, reporting, and order conversion processes, reducing quote production time by 50% and boosting efficiency across multiple departments.
- Led the development of an automated product configurator in the CRM, eliminating manual quote-building, cutting development time by 50%, and reducing errors by 40%.
- Implemented real-time dashboards for stakeholders with Power BI, configured Power BI Gateway for seamless on-prem/cloud integration, and supported server infrastructure.
- Developed and implemented an automated reporting system with SSRS, boosting reporting speed for the Customer Relations Department by 20%.
- Actively participated in code reviews and collaborated with team members to elevate coding standards and ensure high-quality code.
- Improved codebase maintainability and reusability through systematic refactoring and modularization.
- Diagnosed and resolved critical technical issues, ensuring minimal operational downtime.

## SKILLS

### Technical

Java • Javascript • React • Next.js • SQL • Microsoft Power Platform • Node.js • Kotlin • Supabase • Android SDK • Tailwind CSS • HTML/CSS

### Soft Skills

Resourceful • Critical Thinking • Adaptability • Communication • Time Management • Problem Soling

## PROJECTS

### Confetti

📅 2024 - Present

Work in Progress - Code samples available upon request

Developed a robust event planning application utilizing Next.js for frontend and serverless functions, coupled with Supabase for backend data management and authentication. Core features include intuitive calendar interface, advanced event management (recurring events, conflict detection, reminders), and collaborative features (shared calendars, guest management).

### PlayPal

📅 2023 - 2024

[playpal-connect.vercel.app](https://playpal-connect.vercel.app)

Developed a social fitness app using React, Next.js 13, Tailwind CSS, Firebase, Next-Auth, Mapbox, and Framer Motion. The app connects users with interests in physical activities like running, hiking, and cycling, facilitating partner-finding for shared workouts and enabling users to discover and collaborate with workout partners who share similar fitness goals and preferences.

### Quantum

📅 2023 - 2024

[quantum-blogspace.vercel.app](https://quantum-blogspace.vercel.app)

Built a high-performance blog app using Next.js 13's App Router and Server Actions, which enabled smooth page transitions and dynamic routing. This architecture enhanced user engagement and accessibility, delivering a seamless and intuitive browsing experience.

## EDUCATION

### B.Sc. in Computer Science

#### California State University Fullerton - CSUF

📅 12/2015 - 05/2018

- Successfully completed courses in mathematics, Computing and Statistics, system design, algorithm development, mobile application development and business management.
- Assisted the University Developer Club develop an iOS application which uses AR and VR concepts.