

Dylan Dao

714-786-9714 | dylanpdo@gmail.com | [linkedin.com/in/dylandao](https://www.linkedin.com/in/dylandao) | github.com/DylanPDao

SUMMARY

Software Engineer with 3+ years of experience building responsive and high-performing web applications using React, while seamlessly integrating with back-end systems like AWS, Digital Ocean, and Java frameworks. Skilled in Agile development, CI/CD pipelines, and the creation of intuitive, user-friendly solutions. Experienced in optimizing application performance, collaborating with cross-functional teams, and delivering products that meet business goals.

EXPERIENCE

Web Developer

June 2022 – Present

Open Gym Premier

Anaheim, CA

- Developed a robust CI/CD pipeline using GitHub Actions to automate testing and deployment workflows across developer, staging, and main branches while leveraging AI tools such as CodeRabbit.
- Engineered a full authentication system leveraging JWT and role-based access control (RBAC) for secure API access with multi-tier user roles (admin, org owner, coach, player) ensuring scoped access to resources.
- Employed DTO validation using class-validator and class-transformer to ensure clean, safe data input at every request point with strong OpenAPI/Swagger documentation to support front-end integration.
- Integrated WebSocket communication to deliver real-time event data to 1000+ users with minimal latency.
- Deployed the backend on Google Cloud with Docker containers, implemented CI/CD pipelines, configured load balancing, and integrated Amazon S3 for scalable media storage and asset delivery.
- Developed web applications with TypeScript/React, delivering responsive interfaces with full CRUD functionality.
- Integrated WooCommerce to enhance e-commerce functionality for WordPress sites.
- Refactored PHP applications into TypeScript with Next.js for improved efficiency and scalability.
- Generated database reports using MySQL queries to support team insights and operations.
- Built modular, user-friendly interfaces with React and Tailwind CSS, integrating APIs for player stats.
- Migrated MySQL databases to MongoDB for enhanced scalability and real-time performance.
- Improved application performance by optimizing React components with lazy loading and code splitting.
- Created reusable UI components to standardize design and accelerate development across projects.
- Maintained and updated 13 WordPress websites to ensure reliability and optimal performance.
- Used Jest and Cypress for unit and integration testing to maintain code quality and reliability.
- Streamlined workflows by automating repetitive tasks with custom scripts and tools.

PROJECTS

OpenAi SAAS | *WitAi*

- Created a SaaS platform with tools for image, video, music, and code generation using React and TypeScript.
- Implemented secure user authentication with Clerk and integrated real-time support with Crisp.
- Designed responsive and user-friendly UIs with Tailwind CSS and Shadcn UI.
- Built a robust backend with Prisma and MySQL to handle data storage and queries efficiently.
- Implemented RESTful and GraphQL APIs to improve application performance and data handling.
- Created a chatbot using natural language processing (NLP) libraries like TensorFlow.js and Dialogflow.

EDUCATION

Full-Immersion Web Development Program | LearningFuze

- Completed over 900 total hours of programming (70+ hours/week) in a simulated work environment.
- Collaborated with fellow students during Hackathons to create web pages and reinforce information learned.

Bachelor Degree in Computer Science | California University of Fullerton

June 2014 – June 2018

TECHNICAL SKILLS

Frontend: Axios, Bootstrap, CSS3, HTML5, JavaScript, jQuery, Material-UI, MaterializeCSS, React.js, Redux, Restful APIs, TailwindCSS, TypeScript, WordPress, SASS/SCSS, ShadUI, Lucide, Python, SwiftUi, WebFlow, Wix

Backend: Express, MySQL, Node, PHP, PostgreSQL, Postman, MongoDB, GraphQL, Digital Ocean, CloudFlare

Developer Tools: JIRA, Agile, AWS, AWS-S, Azure, Canva, Figma, Git, GitHub, Confluence, NextJs, Stripe, Docker