Josh Yee

Software Engineer

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Software engineer with experience in Laravel/PHP, MySQL, React/Next.js, and React Native, passionate about building mission-driven applications in healthcare and education. Proven ability to design RESTful APIs, implement object-oriented patterns, and deliver accessible, user-centered solutions. Adaptable to new technologies (FastAPI, PostgreSQL, mobile stacks) and eager to contribute to Folia Health's mission of improving healthcare through personalized data.

RELEVANT EXPERIENCE

Software Developer - Remote - ASU Prep Digital (Jul '22 - Jun '24)

Frontend & Performance

- Developed Vimeo embedding and dynamic video features for student-facing React apps
- Implemented dynamic video backgrounds in content containers to enhance engagement
- Improved UI consistency across three apps using Tailwind + Ant Design

Accessibility

- Led accessibility-focused code reviews to support WCAG and Section 508 compliance

Collaboration & Workflow

- Resolved critical bugs and improved reliability across apps using Agile methodology and version control tools (Git, GitHub)
- Collaborated in Agile sprints using GitHub Projects, async Slack, and Confluence
- Coordinated feature rollouts and clarified requirements across product, design, and engineering teams in a remote, asynchronous environment

ADDITIONAL PROJECTS

- **InquireLead (web) -** inquirelead.com - *In development*
  - *An AI-powered lead generation platform*
    - **Frontend:** Next.js 15 + React 19 with TypeScript and Tailwind CSS
    - **Backend:** FastAPI + PostgreSQL REST API with Pydantic models, SQLAlchemy ORM, and JWT authentication
    - **Architecture:** TypeScript monorepo with shared type defs, API interfaces, and utilities

- **Rejourney (iOS) -** rejourney.app
  - *A Christian prayer journaling app to help Christians reflect through text & voice-based entries*
    - **Frontend:** Built iOS client using React Native + Expo
    - **Backend:** Laravel + PostgreSQL REST API with Eloquent ORM and Sanctum authentication
    - **Architecture:** TypeScript monorepo with shared type defs, service interfaces, and utilities across React Native and Laravel applications

EDUCATION

University of Colorado Boulder — *MS in Computer Science (2025 - In Progress)*

- Graduate Algorithms, Networking, Probability for Data Science/AI

Western Governors University — *Computer Science Coursework (2024 - Non-Degree)*

- Completed 15 undergraduate units in CS-related subjects
- Relevant coursework: Data Structures & Algorithms, Git, Java Programming, Backend Development

California State University, Long Beach — *BA in Film & Electronic Arts (2012)*

Professional Scrum Master I — *[Certificate](), Scrum.org, Sept 2024*

SKILLS

Frontend & UI

- HTML/CSS
- TypeScript
- React
- Next.js
- React Native (Expo)
- Swift
- Tailwind / Ant Design
- Accessibility (WCAG, ARIA)

Backend & Data

- Laravel / PHP
- Python / FastAPI
- Node.js / Express
- MySQL
- PostgreSQL
- REST APIs
- Database ORM

Tooling & Collaboration

- Git / GitHub
- Figma
- Vercel
- Sentry
- Agile/Scrum
- TDD