

John West

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EDUCATION

California State Polytechnic University-Pomona

Bachelor of Science in Computer Science (3.8+ GPA)

Pomona, CA

Graduation: May 2025

EXPERIENCE

Full Stack Developer

Hyundai AutoEver America

June 2025 – Nov. 2025

Fountain Valley, CA

- Built and maintained end-to-end features for a safety analysis application utilized by the safety team using **React.js**, **Redux Toolkit**, **Node.js**, **MySQL**, and **PostgreSQL** to design schemas and **10 distinct RESTful API endpoints**.
- Independently designed a client-side caching strategy using **Redux Toolkit** to persist API responses, reducing redundant network requests by over **50%** and improving load times for previously viewed data by up to **70%**.
- Partnered with stakeholders to translate requirements into scalable solutions, refactoring legacy code and standardizing tooling (testing, linting, **CI/CD**) to boost team productivity and user experience.

Full-Stack Developer

CSU Office of Chancellor

Jan. 2024 – June 2024

Long Beach, CA

- Developed a dynamic dashboard to provide educators with real-time insights into CSU campus diversity data using **JavaScript**, **PHP (Laravel)**, and **Elasticsearch**.
- Implemented an advanced search feature utilizing **Elasticsearch**, making site navigation more accessible and increasing user engagement by **25%** while reducing administrative data retrieval time by an estimated **35%**.

Software Engineer Intern

Lawrence Livermore National Laboratory

May 2023 – Dec. 2023

Livermore, CA

- Created responsive front-end web solutions with **SASS**, **Bootstrap 5**, and **JavaScript**, ensuring cross-browser compatibility and strict **WCAG** compliance for government accessibility.
- Contributed to the development of Drupal-based sites, leveraging **Twig (Symfony)** templating to enhance the UI and increase page load times by **40%**, while utilizing **Docker** for containerized development environments.
- Actively participated in **Agile** development methodologies, attending daily stand-ups, contributing to sprint planning, and adapting to evolving project requirements.
- Summer Student Cup team winner and extension of internship into the Fall semester.

Software Engineer On-Campus Project

Northrop Grumman

Jan. 2023 – May 2023

Pomona, CA

- Served as a Software Engineer Intern on a team of eight, leveraging **Vue.js**, **TypeScript**, and REST APIs to design and implement a front-end for real-time vehicle information display.
- Improved application response time by **30%** through optimized API calls and code refactoring.
- Offered to be project leader the following year but had to decline due to a paid internship at Lawrence Livermore National Laboratory.

Software Engineer Intern

U4ea Entertainment (Startup)

July 2022 – Oct. 2022

Irvine, CA

- Led a team of three interns to develop the main website using **React**, **React-Bootstrap**, **Webpack**, and **Git**.
- Utilized Canva and Figma for mock-ups and asset gathering, expediting design iterations by **25%**.

PERSONAL PROJECTS

- Court Case Management System** | *.NET 8, Angular 17, SQL Server, TypeScript, Entity Framework* 2026
- Architected a full-stack enterprise court filing system application using **.NET Core & Angular**, implementing **Global Query Filters** (Soft Deletes) to comply with strict government data retention and audit standards.
 - Designed a normalized **SQL Server** database with Many-to-Many relationships for case parties, utilizing **Change Tracking** to strictly differentiate between legal filing timestamps and IT audit logs.
 - Developed a type-safe **TypeScript** dashboard with **Angular Reactive Forms**, optimizing client-side state management to reduce API load and ensure instant synchronization with the backend.
 - Containerized the application with **Docker** multi-stage builds and **Docker Compose**, and deployed to **Microsoft Azure** (App Service, Azure SQL, Static Web Apps) with automated EF Core migrations and **Nginx** reverse proxy configuration.
- JOYN - MERN Stack Application** | *JavaScript, React, Express, MongoDB, NodeJS, Docker* 2025
- Engineered an Organization/Scheduling App using the **MERN Stack** with fully functional user authentication via **MongoDB Atlas** (NoSQL), Node.js, Express, and React.
 - Built a responsive frontend with **React.js** and **Vite** for rapid development, handled API requests via **Node.js**, and fully containerized the application using **Docker** and **Docker Compose**.
- Bitcoin Price Tracker** | *Kotlin, Android Studio, Coin Layer API* 2024
- Co-developed a mobile application with a team of two using **Kotlin** and **Android Studio**.
 - Integrated the **CoinLayer API** to stream real-time Bitcoin pricing and implemented a logic layer to calculate and display daily percentage fluctuations.

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript (ES6+), SQL, Python, Java, C, C++, Kotlin, PHP, HTML5, CSS3, SASS/SCSS

Frameworks: .NET 8, Angular 19, React.js, Vue.js, Node.js, Express.js, Laravel, Redux Toolkit, Entity Framework

Cloud & DevOps: Amazon Web Services (AWS), Microsoft Azure, Docker, Kubernetes, CI/CD, Git, Linux

AI & Data: OpenAI API, Elasticsearch, Pandas, NumPy, Artificial Intelligence Integration, Data Structures & Algorithms

Databases: Microsoft SQL Server, PostgreSQL, MySQL, MongoDB

Developer Tools: Postman, Azure Data Studio, Android Studio, Vite, Webpack, Figma, Visual Studio

Concepts: RESTful APIs, Agile/Scrum, WCAG Accessibility, MVC Architecture, System Design, Cloud Development