

# Angus Wu

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## TECHNICAL SKILLS

**Programming Languages** | Python 3, JavaScript ES6+, SQL, HTML5, Tailwind CSS

**Front-End** | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit

**Back-End** | Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ, SQLite3

**System Design** | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

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## APPLICATION DEVELOPMENT EXPERIENCE

**PlayBoxx** | Full-stack Developer | [PlayBoxx Website](#) | React, FastAPI, Tailwind, Redux Toolkit, PostgreSQL 2023  
Web application featuring a variety of browser-based games

- Enhanced the security of users' data by implementing JWT-based authentication and FastAPI
- Improved user experience by managing the global state using Redux for real-time quiz score updates
- Developed a FastAPI backend using a PostgreSQL database to fetch and manipulate game, score, and user data to be integrated into the React-based frontend interface

**CarCar** | Full-stack Developer | [CarCar Repository](#) | Django, React, JavaScript, Python, PostgreSQL 2023  
Application to manage car sales, services, and inventory for a car dealership

- Enhanced user experience by implementing a salesperson filter using JavaScript
- Designed Django RESTful APIs for sales microservice and integrated them into a React-based front-end
- Developed an inventory API poller within the sales microservice to enable accurate tracking of automobiles

**Zenith** | Full-stack Developer | [Zenith Repository](#) | Django, SQL, Python, HTML, CSS, Bootstrap 2023  
Application to manage projects and tasks

- Built web-based project and task management application with CRUD functionality using Django and SQL
- Designed and implemented a robust user authentication and registration system allowing users to register and securely store and manage their data using Django and SQL
- Improved user engagement and retention by incorporating Bootstrap to create a responsive website

**Music player** | Front-end Developer | [Music Player Repository](#) | HTML, CSS, JavaScript 2023  
Play music stored in a music folder in a web-based application

- Implemented buttons that allowed users to navigate between songs in a playlist using JavaScript
  - Incorporated a progress bar allowing users to fast forward or rewind through a song with JavaScript
  - Enhanced the website's appearance for a better user experience using CSS
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## PROFESSIONAL EXPERIENCE

**Top Quality Produce Inc.** | Assistant | Irwindale, CA 2018 - 2022

- Improved warehouse efficiency by 25% by documenting daily tasks and revamping the organization system
  - Facilitated the development and implementation of novel strategies, meeting the changing needs of customers by conducting comprehensive market research and analysis to remain informed on the latest industry trends
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## EDUCATION

**Galvanize** | Advanced Software Engineering Certificate 2023

**University of California, Los Angeles** | B.S. - Biochemistry 2022